

RAPORTUL DE ACTIVITATE AL



**INSTITUTULUI DE CERCETĂRI
PENTRU INTELIGENȚĂ
ARTIFICIALĂ (ICIA) al
Academiei Române
(2010 - 2004)**



Numele Institutului: Institutul de Cercetări pentru Inteligență Artificială al Academiei Române – ICIA

Research Institute for Artificial Intelligence of Romanian Academy - ICIA

Director: Prof. Dr. Ioan Dan TUFİȘ, Membru Corespondent al Academiei Române

Contact:

Adresa: Address:
ICIA,
CASA ACADEMIEI
Calea 13 Septembrie, Nr. 13
București 050711, ROMÂNIA
Tel/Phone: +40-(0)21-3188103
Fax: +40-(0)21-3188142
E-mail: office@racai.ro

Domenii de cercetare:

Research fields:

Inteligență artificială	Artificial Intelligence
Tehnologia limbajului natural	Natural Language Technology
Societatea cunoașterii și ambient inteligent	Knowledge Society and Ambient Intelligence
Noi arhitecturi de calculatoare	New Computer's Architectures
Gestiunea și întreținerea nodului Internet al Academiei Române	Management and Administration of the Romanian Academy Internet backbone

Resurse umane

- Cercetători: 25
- Doctori: 21
- Conducători de doctorate: 3
- Membri ai Academiei: 2

Formare tineri cercetători:

- Doctoranzi: 17
- Post-doc: -
- Membri: -

Mijloace de cercetare:

- Biblioteca de specialitate: 210 cărți
- Echipamente de cercetare (cu valori mai mari decât 10KEuro): -

Rezultate obținute în cercetare:

Rezultatele cercetărilor desfășurate în institut sunt valorificate prin numeroase lucrări apărute în publicații prestigioase ale domeniului de specializare, prin crearea de sisteme software originale ce au făcut din ICIA un partener foarte solicitat în proiectele internaționale de cercetare, prin organizarea de programe doctorale competitive și atractive pentru tinerii studioși. Lucrările cele mai semnificative ale institutului sunt prezentate la cele mai selective conferințe internaționale, iar sistemele originale dezvoltate în institut au participat la diferite competiții internaționale (pe care de altfel le-au și câștigat: NAACL2003-Edmonton, Canada, ACL2005-Ann Arbor-SUA; CLEF2006-Barcelona, Spania; CLEF2007-Budapesta, Ungaria; CLEF2009, Corfu, Grecia; ACL2007-Praga, Republica Cehă) expoziții (Salonul Cercetării, București 2007, Vitrina Tehnologică a Seminarului "Instrumente pentru asistarea traducerii" organizat de Uniunea Latină, februarie 2008, București). Lucrările de cercetare ale institutului sunt citate de cercetători din întreaga lume. De exemplu lucrările ISI ale domnului Prof. Dr. Ing. Ioan Dan Tufiș, Membru Corespondent al Academiei Române, au 182 de citări ISI. În aceeași perioadă (2005-2010), numărul de lucrări indexate și citările acestora (calculate cu Harzing's Publish or Perish) sunt mult mai mari, respectiv 109 lucrări care sunt citate de 518 ori. Deși nu este o lucrare ISI, lucrarea domnului Dan Tufiș (135 de citări), apărută în 2006 "*The JRC-Acquis: A multilingual aligned parallel corpus with 20+ languages*" la una dintre conferințele importante ale domeniului (LREC2006) este citată de 135 ori. Prin urmare, considerăm că pentru evaluarea globală a impactului cercetărilor din Academia Română, mult mai informativă decât lista lucrărilor și a citărilor ISI este includerea în informațiile solicitate a numărului de articole precum și a citărilor acestora calculate cu programul de analiză bibliometrică PoP (Harzing's Publish or Perish) disponibil la adresa <http://harzing-s-publish-or-perish.software.informer.com/>.

2010

Cărți

1. Dan Tufiș, Corina Forăscu (eds.) (2010), “*Multilinguality and Interoperability in Language Processing with Emphasis on Romanian*”, **Editura Academiei, 2010**, 387 pag.
2. Adrian Iftene, Horia N. Teodorescu, Dan Cristea, Dan Tufiș (eds.), (2010), “*Resurse lingvistice și instrumente pentru prelucrarea limbii române*”, **Editura Universității “A. I. Cuza”**, ISSN 1843-911X, , 2010, 238 pag.
3. Verginica Barbu Mititelu, (2010), “*Hiponimie, sinonimie, antinomie – Abordare din perspectiva lingvisticii teoretice și a lingvisticii computaționale*”, **Editura MATRIX ROM** București, 232 pg, ISBN: 978-973-775-590-8
4. Stefan Trausan-Matu, Philippe Dessus (eds.), *Proceedings of the Second Workshop on Natural Language in Support of Learning: Metrics, Feedback and Connectivity*, ISBN 978-973-755-634-9, **Ed. MATRIX ROM**, Bucharest, 2010, 97 pag.

Capitole de carte

1. Dan Tufiș, Radu Ion, Alexandru Ceaușu, Dan Ștefănescu, (2010), “*Reifying the Alignments*”, în Tufiș, D., Corina Forăscu (eds.) (2010), “*Multilinguality and Interoperability in Language Processing with Emphasis on Romanian*”, **Editura Academiei**, pp. 69-86, 2010;
2. Tufiș, D. (2010), “*Part of Speech Tagging*”, în **Mitkov, R (ed.) Handbook of Computational Linguistics, Oxford Press**, 2010 (în curs de publicare);
3. Ștefănescu, D., Ion, R., Ceaușu, A., Tufiș, D.(2010), “*Sistem întrebare-răspuns antrenabil pentru limba română*”, în **Adrian Iftene, Horia N. Teodorescu, Dan Cristea, Dan Tufiș (eds.) (2010)**, “*Resurse lingvistice și instrumente pentru prelucrarea limbii române*”, **Editura Universității “A. I. Cuza”**, ISSN 1843-911X, pp. 145-156, 2010;
4. Boroș, T., Tufiș, D., Ceaușu, A. (2010), “*Construcția automată de corpusuri multilinguale*”, în **Adrian Iftene, Horia N. Teodorescu, Dan Cristea, Dan Tufiș (eds.) (2010)**, “*Resurse lingvistice și instrumente pentru prelucrarea limbii române*”, **Editura Universității “A. I. Cuza”**, ISSN 1843-911X, pp. 95-104, 2010;
5. Ion, R., Ceaușu, A., Ștefănescu, D., Tufiș, D., (2010), “*Servicii web interoperabile și multilinguale*”, în **Adrian Iftene, Horia N. Teodorescu, Dan Cristea, Dan Tufiș (eds.) (2010)**, “*Resurse lingvistice și instrumente pentru prelucrarea limbii române*”, **Editura Universității “A. I. Cuza”**, ISSN 1843-911X, pp. 167-176, 2010;
6. Inguna Skadina, Ahmet Aker, Voula Giouli, Dan Tufiș, Robert Gaizauskas, Madara Mieriņa and Nikos Mastropavlos. “Collection of comparable corpora for

- under-resourced languages”. In *Frontiers in Artificial Intelligence and Applications. IOS Press*, Vol. 219, ISBN 978-1-60750-640-9, pages 161-168, 2010
7. Radu Ion, Dan Ștefănescu, Alexandru Ceaușu, Dan Tufiș, Elena Irimia, Verginica Barbu-Mititelu, (2010), „A Trainable Multi-factored QA System”. In Carol Peters, Giorgio Di Nunzio, Mikko Kurimo, Thomas Mandl, Djamel Mostefa, Anselmo Peñas, Giovanna Roda (eds.) (2010), *Multilingual Information Access Evaluation, Vol. I Text Retrieval Experiments*, pp. 257-264, Lecture Notes in Computer Science, Volume 6241/2010, Springer-Verlag. ISBN: 978-3-540-85759-4.
 8. Radu Ion, Alexandru Ceaușu, Dan Ștefănescu, Dan Tufiș, Elena Irimia and Verginica Barbu Mititelu. (2010), „Monolingual and Multilingual Question Answering on European Legislation”, in Martin Braschler, Donna Harman, and Emanuele Pianta (eds.) *CLEF 2010 LABs and Workshops (Notebook Papers)*, Padua, Italy, September 2010. ISBN: 978-88-904810-0-0, ISSN: 2038-4963.
 9. Ștefan Trăușan-Matu, Traian Rebedea, Mihai Dascălu (2010), “*Analysis of discourse in collaborative Learning Chat Conversations with Multiple Participants*”, in Tufiș, D., Corina Forăscu (eds.) (2010), “*Multilinguality and Interoperability in Language Processing with Emphasis on Romanian*”, Editura Academiei, pp 313-330, 2010
 10. Adriana Vlad, Adrian Mitrea, Mihai Mitrea, and Ștefan Ciucă, (2010), “*Enriching Printed Romanian Statistical Description: An Approach BY Mathematically Comapring Two Independent Literary Corpora*”, in Tufiș, D., Corina Forăscu (eds.) (2010), “*Multilinguality and Interoperability in Language Processing with Emphasis on Romanian*”, Editura Academiei, pp. 201-222, 2010
 11. Angela Ioniță; Adrian Zafiu; Radu Constantin Gogu; (2010), “*A Point of view regarding Web Services-based Infrastructure for Geospatial Information*”, in “*Complex Behaviour of the Distributed Generation System: Intelligent Management of the Renewable Energy Resources for assuring the DG System Power Quality and a Sustainable Development*”, University of Pitesti – Publishing House, Editor: Prof. N. Bizon, pg. 449 – 464, ISBN: 978-606-560-128-4;

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. D. Tufiș, D. Ștefănescu, (2010), *Annotation of Wordnet towards Multifactorial Textual Analysis*. 20 pages. Submitted to Journal on Computational Linguistics. (**Revista indexată ISI factor de impact 2.3**)
2. Radu Ion, Dan Ștefănescu, Alexandru Ceaușu, Dan Tufiș, Elena Irimia, Verginica Barbu-Mititelu, (2010), “*A Trainable Multi-factored QA System*”, in (Peters C. et al., eds.) *Lecture Notes in Computer Science, Springer* 2010; (**ISI Publication**)

3. Stefan Trausan-Matu, Traian Rebedea, (2010), “A Polyphonic Model and System for Inter-animation Analysis in Chat Conversations with Multiple Participants”, in A. Gelbukh (Ed.), *CICLing 2010, LNCS 6008, Springer*, 2010, pp. 354–363 , (*Proceedings ISI*) (în curs de publicare)
4. Dascalu, M., Rebedea, T., Trausan-Matu, S., (2010), “A Deep Insight in Chat Analysis: Collaboration, Evolution and Evaluation, Summarization and Search”, Va apare in *Proceedings AIMS 2010, Lecture Notes in Computer Science, Springer* (2010) (*ISI Publication*)
5. D. Burileanu, C. Negrescu, M. Surmei, (2010), “Recent Advances in Romanian Language Text-to-Speech Synthesis”, în *Proceedings of the Romanian Academy, Series A – Mathematics, Physics, Technical Sciences, Information Science, Vol. 11, No. 1/2010, Publishing House of the Romanian Academy*, Bucharest, pp. 92-99, ISSN 1454-9069 (*Revistă cotate ISI Web of Science – Science Citation Index Expanded*).
6. Tufiş, D.; Ion, R.; Ceauşu, A.; Stefănesu, D.; Irimia. E; Mititelu, V. (2010), « Servicii Web lingvistice », în *Revista CALITATEA acces la succes*, nr. 10, 2010, pg. 60 – 63, ISSN : 1582-2559 (*Clasificată CNCSIS Clasa B+*)
7. Angela Ioniță, (2010), “Schimbare de paradigmă în Geographic Information Science? », în *Revista CALITATEA acces la succes*, nr. 11 – noiembrie 2010, pg. 60 – 63, ISSN : 1582-2559 (*Clasificată CNCSIS Clasa B+*)
8. Dumitrescu, Gabriela; Filip, Florin Gh.; Ioniță, Angela; Lepădatu, Cornel, (2010), “Open Source Eminescu’s Manuscripts: A Digitization Experiment”, în *Studies in Informatics and Control*, Vol. 19, Issue 1, March 2010, pp. 79 – 84, ISSN 1220-1766, (*ISI Publication*)
9. Adrian Zafiu, Angela Ioniță, Valeriu Ionescu, (2010), « Model pentru managementul informațiilor de trafic în timp real », în *Revista CALITATEA acces la succes*, nr. 12 – decembrie 2010, ISSN : 1582-2559 (*Clasificată CNCSIS Clasa B+*)(în curs de publicare)
10. Dumitrescu, Gabriela; Filip, Florin Gh.; Ioniță, Angela; Lepădatu, Cornel, (2010), “Open Source Eminescu’s Manuscripts: A Digitization Experiment”, în *Studies in Informatics and Control*, Vol. 19, Issue 1, March 2010, pp. 79 – 84, ISSN 1220-1766, (*ISI Publication*)
11. Angela Ionita, Adrian Zafiu, and Valeriu Ionescu, (2010), “A Quick Solution for Traffic Control”, recomandat pentru publicare în *Proc. of Second International Conference on Computer Research and Development (ICCRD2010)*, ISBN: 978-0-7695-4043-6, DOI: 10.11091/ICCRD.2010.172, pp. 859 – 862, (*Conferință indexată IEEEExplore*)
12. C. Niculescu și Anca Daniela Ioniță, 2010. „Analysis and Modelling of a Socio-technological Framework for Scientific Collaboration”, în *Journal of Applied Quantitative Methods*, ISSN 1842-4562 (*Clasificată CNCSIS Clasa B+*)(în curs de apariție)
13. Stefan Ciuca, Adriana Vlad, Adrian Mitrea, (2010), “A Comparison Between Two Literary Printed Romanian Corpora Based on the Statistical Letter Structure with

- Orthography and Punctuation Marks*”, Proc. of The 8th International Conference on Communications “COMM 2010”, June 10-12, 2010, Bucharest, pp. 119-122, ISBN 978-1-4244-6363-3. (**Conferință indexată IEEEExplore**)
14. Adrian Mitrea, Adriana Vlad, Adrian Luca, (2010), “*On the Occurrences of Two Successive Words in a Literary Romanian Corpus*”, Proc. of The 8th International Conference on Communications “COMM 2010”, June 10-12, 2010, Bucharest, pp.115-118, ISBN 978-1-4244-6363-3 (**Conferință indexată IEEEExplore**)
15. Cristina Scheau, Traian Eugen Rebedea, Costin Chiru, Ștefan Trăușan-Matu, (2010), “*Îmbunătățirea relevanței rezultatelor motoarelor de căutare folosind informații semantice din Wikipedia*”, Lucrările Conferinței ROCHI 2010, Ed. **MatrixROM**, pp. 85-90.

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)/acceptate spre publicare/în curs de publicare

1. Inguna Skadiņa, I. Vasiļjevs, A., Skadiņš, R., Gaizauskas, R., Tufiș, D. Gornostay, T., (2010), „*Analysis and Evaluation of Comparable Corpora for Under Resourced Areas of Machine Translation*”, in **Proceedings of the 7th Language Resources and Evaluation Conference (LREC 2010)**, Valletta, Malta, ISBN 2-9517408-6-7, (in curs de publicare);
2. Tufiș D., Ștefănescu D., (2010), “*A Differential Semantics Approach to the Annotation of the Synsets in WordNet*”, in **Proceedings of LREC 2010, Malta, May 2010, ELRA**, ISBN 2-9517408-6-7
3. P. Wittenburg, E. Hajicova, G. Budin, K. Koskenniemi, M. Wynne, T. Váradi, L. Lemnitzer, N. Calzolari, L. Borin, M. Piasecki, N. Bel, S. Piperidis, D. Tufiș, R.v. Veenendaal, B. Maegaard, J.M. Pierrel, I. Skadina, (2010), “*Resource and Service Centre's as the Backbone for a Sustainable Service Infrastructure*”, in **Proceedings of the 7th Language Resources and Evaluation Conference (LREC 2010)**, Valletta, Malta, ISBN 2-9517408-6-7, (in curs de publicare);
4. Radu Ion, Dan Ștefănescu, (2010), “*Unsupervised WSD experiments @ SemEval-2, Task#17*”, in **Proceedings of the 5th International Workshop on Semantic Evaluations, SemEval-2010**, Uppsala, Sweden, July 15–16 2010. ACL 2010 (in curs de publicare)
5. Radu Ion, Dan Tufiș, Tiberiu Boroș, Alexandru Ceașu, Dan Ștefănescu, (2010), “*On-Line Compilation of Comparable Corpora and their Evaluation*”, in **Proc. of The 6th International Conference “Formal Approaches to South Slavic and Balkan Languages” – FASSBL 2010**, Dubrovnik, Croatia (in curs de publicare)
6. Dan Tufiș, Dan Ștefănescu, (2010), “*A Differential Semantics Approach to the Annotation of the Noun Synsets in WordNet*”, in **Proceedings of the 7th Language Resources and Evaluation Conference (LREC 2010)**, Valletta, Malta, ISBN 2-9517408-6-7, (in curs de publicare);
7. Dan Ștefănescu, Radu Ion, Alexandru Ceașu, Dan Tufiș, Elena Irimia, Verginica Barbu-Mititelu, (2010), “*Romanian Trainable QA System (Sistem întrebare-*

- răspuns antrenabil pentru limba română)”, în al 5-lea Atelier de Resurse Lingvistice și Instrumente pentru Prelucrarea Limbii Române
8. Radu Ion, Alexandru Ceaușu, Dan Ștefănescu, Dan Tufiș, (2010), “*Multilingual Web Services (Servicii Web interoperabile și multilinguale)*”, în al 5-lea Atelier de Resurse Lingvistice și Instrumente pentru Prelucrarea Limbii Române
 9. Tiberiu Boroș, Dan Tufiș, Alexandru Ceaușu, (2010), “*Automatic collection of comparable corpora (Construcția automată de corpusuri multilinguale)*”, în al 5-lea Atelier de Resurse Lingvistice și Instrumente pentru Prelucrarea Limbii Române
 10. Verginica Mititelu, Dan Ștefănescu, Alexandru Ceaușu, (2010), “*Enriching the Romanian WordNet Using Semi-automatically Identified Hyponymic Patterns*”, in ***Proceedings of the Global WordNet Conference - GWA2010***, Jan. 2010, Mumbai, India
 11. Tufiș, D. (2010), “*Inteligența Artificială elimină “zgomotul informațional” din mediul on-line*”, în ***Market Watch***, nr. 129, oct-nov, 2010, pg. 42 – 43.
 12. Ioniță A., (2010), «*Este necesară o schimbare de paradigmă în Știința Informațiilor Geospațiale ?*», în ***Market Watch***, nr. 130, nov – dec, 2010;
 13. Stefan Ciuca, Adriana Vlad, Adrian Mitrea, (2010), “*A Comparison Between Two Literary Printed Romanian Corpora Based on the Statistical Letter Structure with Orthography and Punctuation Marks*”, Proc. of The ***8th International Conference on Communications “COMM 2010”***, June 10-12, 2010, Bucharest, pp. 119-122, ISBN 978-1-4244-6363-3.
 14. Adrian Mitrea, Adriana Vlad, Adrian Luca, (2010), “*On the Occurrences of Two Successive Words in a Literary Romanian Corpus*”, ***Proc. of The 8th International Conference on Communications “COMM 2010”***, June 10-12, 2010, Bucharest, pp.115-118, ISBN 978-1-4244-6363-3
 15. Adriana Vlad, Adrian Mitrea, Mihai Mitrea, Stefan Ciuca, (2010), “*Connections Between M-Gram and Word Statistical Structures Based on Literary Corpora of Printed Romanian with Orthography and Punctuation Marks Included*”, în ***Dan Tufiș, Corina Forăscu (eds.) (2010), “Multilinguality and Interoperability in Language Processing with Emphasis on Romanian”, Editura Academiei, 2010.***
 16. Mădălin Frunzete, Adrian Luca, Adriana Vlad, (2010), “*On the Statistical Independence in the Context of the Rössler Map*”, ***3rd Chaotic Modelling and Simulation International Conference***, June 1-4, 2010, Chania Crete, Greece. <http://www.cmsim.info/>
 17. Octaviana Datcu, Jean-Pierre Barbot, Adriana Vlad, “*New Enciphering Algorithm Based on Chaotic Generalized Hénon Map*”, ***3rd Chaotic Modelling and Simulation International Conference***, June 1-4, 2010, Chania Crete, Greece. <http://www.cmsim.info/>
 18. Ștefan Trăușan-Matu, Mihai Dascălu, Traian Rebedea, Alexandru Gartner, (2010), “*Corpus de conversații multi-participant și editor pentru adnotarea lui*”, ***Revista Română de Interacțiune Om-Calculator***, ISSN 1843-4460, Vol.3, No.1, 2010, pp. 53-64
 19. Mihai Dascalu, Ștefan Trausan-Matu, Philippe Dessus, (2010), “*Utterances Assessment and Summarization in Chat Conversations*”, in ***A. Gelbukh (Ed.)***

- Natural Language Processing and its Applications. Research in Computing Science* 46, 2010, pp. 323-334 (**Proceedings ISI**)
20. Dragoș Găitănanu, Anghel Leonard, Angela Ioniță, Radu Constantin Gogu, (2010), "Gestiunea datelor de calitate pentru apele subterane cu ajutorul instrumentelor de analiză spațială", în *Revista Asociației Hidrogeologilor din România*, nr.1, 2009, ISSN – 1220-5559, București, România;
 21. Zafiu A., Ioniță A., Ionescu V., "Real-time Traffic Information Management Model", in Proc. of **16th International Conference on Information and Software Technologies IT 2010**, Editori: Aleksandras Targamadze, Rimantas Butleris, Rita Butkiene, Kaunas, Lituania, April 21 -23, 2010, pp. 292 - 29 , ISSN 2029-0020;
 22. Radu Constantin Gogu, Violeta Velasco, Angela Ioniță, Enric Vazquez-Sune, (2010), "Sedimentary Media GIS Based Software Platform To Improve Groundwater Modeling", în Proc. of **International Multidisciplinary Scientific GeoConference-SGEM**, Volume 1, pp. 281-289, Albena, Bulgaria, Iunie (2010), ISBN-954918181-2;
 23. Dragoș Găitănanu, Anghel Leonard, Angela Ioniță, Radu Constantin Gogu, (2010), "Groundwater Quality Data Management Using Spatial Analysis Instruments", în Proc. of **International Multidisciplinary Scientific GeoConference-SGEM**, Volume 2, pp. 15-23, Albena, Bulgaria, Iunie (2010), ISBN-954918181-2
 24. Angela Ioniță, Adrian Zafiu, C. Ghiță, (2010), „Online web service based solution for urban traffic management”, in Proc. of **International Conference on Geographic Information Systems**, Paris 2010, June 28-30 2010, pp. 1368 – 1373, **World Academy of Science, Engineering and Technology (WASET)**, Issue 66, June 2010, ISSN: 2070 -3724;
 25. Ion Baș, Claudiu Zoicaș, Angela Ioniță, (2010), "The Management in Large Emergency Situations – A Best Practise Case Study based on GIS for Management of Evacuation"; în Proc. of **International Conference on Geographic Information Systems**, Paris 2010, 28-30 iunie 2010, pp. 1374 – 1378, **World Academy of Science, Engineering and Technology (WASET)**, Issue 66, June 2010, ISSN: 2070 -3724;
 26. Radu Constantin Gogu, Violeta Velasco, Adria Garriga, Daniel Monfort, Enric Vásquez-Suñe, Jésus Carrera, Emilio Ramos, (2010), "Platformă Informatică pentru integrarea informației pentru medii sedimentare în vederea obținerii unui model hidrogeologic 3D", **ROMAQUA, Ed. Asociația Română a apei**, pp. 22-31, Volumul 2, 2010, ISSN – 1453-6986, București, România;
 27. C. Niculescu, Anca Daniela Ioniță și L. Dobre, (2010), „Analysis and Modelling of a Framework for Collaborative Learning and Knowledge Construction”, în *Natural Language Processing in Support of Learning: Metrics, Proceedings of the Second International Workshop – NLPSL 2010*, Editori Ștefan Trăușan-Matu și Philippe Dessus, 14th September 2010, Ed. Matrix Rom București, ISBN 978-973-755-634-9, p. 50-64.
 28. C. Niculescu și L. Pană, „Architecture of a Multi-Framework Set for Collaborative Knowledge Generation”, în *Proceedings of the 11th European Conference on Knowledge Management*, Vol 2, Ed. Eduardo Tomé, 2-3

September 2010, ISBN: 978-1-906638-71-9, publicat de Academic Publishing Limited Reading UK (*Proceedings indexat Thomson ISI*), p. 744-751.

2009

Cărți

1. Lotfi A. Zadeh, Dan Tufiş, Florin Gheorghe Filip, Ioan Dzitac (eds), (2009), “*From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence*”, **Editura Academiei**, ISBN 978-973-27-1678-6, 2009, 268 pag.
2. Diana Trandabăţ, Dan Cristea, Dan Tufiş (eds.), (2009), “*Resurse lingvistice și instrumente pentru prelucrarea limbii române*”, **Editura Universităţii “Al. I. Cuza”**, ISBN 978-97-3703-297-3, 2009, 178 pag.

Capitole de carte

1. Dan Tufiş, Svetla Koeva, Tomaz Erjavec, Maria Gavrilidou, Cvetana Krstev, (2009), “*Building Language Resources and Translation Models for Machine Translation Focused on South Slavic and Balkan Languages*”, in **J. Machacova and K. Rohsmann (eds), (2009), “Scientific Results of the SEE-ERA.NET Pilot Joint Call”. Center for Social Innovation Publisher, Vienna**, ISBN 978-3-200-01567-8, pp. 37-48, June 2009
2. Dan Tufiş, Alexandru Ceauşu, (2009), „*Factored Phrase-Based Statistical Machine Translation*”, in **Corneliu Burileanu, Horia Nicolai Teodorescu (eds.), (2009), “From Speech Processing to Spoken Language Technology”, pp. 115-124, The Publishing House of the Romanian Academy, Bucureşti, 2009, ISBN 978-973-27-1808-7.**
3. Dan Tufiş, (2009), “*Playing with the Word Meanings*”, in **Lotfi A. Zadeh, Dan Tufiş, Florin Gheorghe Filip, Ioan Dzitac (eds), (2009), “From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence”, **Editura Academiei**, ISBN 978-973-27-1678-6, 2009, pp 211-224**
4. Dan Tufiş, (2009), “*Algorithms and Data Design Issues for Basic NLP Tools*”, in **Sergei Nirenburg (eds) (2009), “Language Engineering for Lesser-Studied Languages”, IOS Press, Volume 21 NATO Science for Peace and Security Series - D: Information and Communication Security**, ISBN: 978-1-58603-954-7, pp. 3-50, 2009.

5. Dan Ștefănescu and Dan Tufiș, (2009), “CONAN – Detecția posibilelor conotații ale unui text”, în *Diana Trandabăț, Dan Cristea, Dan Tufiș (eds) (2009), “Resurse Lingvistice și Instrumente pentru Prelucrarea Limbii Române”, Iași, Romania, Editura Universității "A.I. Cuza" Iași*, 2009, pp. 141-151;
6. Dan Tufiș, Alexandru Ceaușu, (2009), „Factored Phrase-Based Statistical Machine Translation”, în *Corneliu Burileanu, Horia Nicolai Teodorescu (eds.), (2009), “From Speech Processing to Spoken Language Technology”, pp. 115-124, The Publishing House of the Romanian Academy, București, 2009, ISBN 978-973-27-1808-7*;
7. Elena Irimia. (2009), “EBMT experiments for the English-Romanian Language Pair”, în *(Klopotek et al.) "Recent Advances in Intelligent Information Systems", Warsaw 2009*, pp. 91-102.
8. Amalia Todirașcu, Christopher Gledhill, Dan Ștefănescu, (2009), “Extracting Collocations in Contexts”, în *Human Language Technology. Challenges of the Information Society, Lecture Notes in Computer Science Series, Springer Berlin / Heidelberg*. ISSN: 0302-9743 (Print) 1611-3349 (Online), Volume 5603/2009, pp. 336-349, 2009. ISBN 978-3-642-04234-8
9. M. Surmei, D. Burileanu, C. Negrescu, A. Dervis, C. Ungurean, (2009), “Real-Time Architectures for a Network-Based Text-to-Speech System Implementation”, in “*From Speech Processing to Spoken Language Technology*”, Publishing House of the Romanian Academy, Bucharest, pp. 95-102, 2009, ISBN 978-973-27-1808-7 (*Volum indexat INSPEC, IEEE Xplore – IEEE Catalog Number: CFP0955H-CDR*)
10. C. Negrescu, A. Ciobanu, D. Burileanu, D. Stanomir, (2009), “Time-Frequency Processing of Partial for High-Quality Speech Synthesis”, în *Proc. Of The 5th International Conference on Speech Technology and Human-Computer Dialogue*, Constanța, România.
11. Ștefan Trăușan-Matu, (2009), « *Dialogistica lui Bahtin: polifonie, ventrilogism, carnavalesc, inter-animare* », în *Constandache, G.G. (Ed.) Comunicarea - sugestie si influenta, Editura Sigma*, 2009
12. Ionita, Angela; Lepadatu, Cornel; Dumitrescu, Gabriela; (2009), “Digital cultural landscape content”, in “*Cultural Landscape – Across Disciplines*”, Edited by *Jozef Hernik*, ISBN: 978-83-60186-99-2, *Oficyna Wydawnicza BRANTA*, pp. 255 – 278

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Dan Tufiș, (2009), “Paradigmatic Morphology and Subjectivity Mark-up in the RO-WordNet Lexical Ontology”, în *H.N. Teodorescu, Junzo Watada, and L. Jain (eds.) (2009), “Intelligent Systems and Technologies - Methods and*

- Applications*”, *Studies in Computational Intelligence, SCI 217, Springer Verlag*, pp. 161-179, 2009, (*ISI Publication, Impact Factor 0.426*)
2. Tufis D, (2009), “An Overview of Academician Mihai Draganescu's Conceptual Contributions to Information Science”, in ***STUDIES IN INFORMATICS AND CONTROL Volume: 18 Issue: 4*** Pages: 393-404 Published: DEC 2009;
 3. Ion R., Ștefănescu D., Ceașu, A. and Tufiș, D., (2009), „*RACAI's QA System at the Romanian–Romanian QA@CLEF2008 Main Task*”, in ***Peters, C.; Deselaers, Th.; Ferro, N.; Gonzalo, J.; Jones, G.J.F.; Kurimo, M.; Mandl, Th.; Penas, A.; Petras, V. (Eds.) (2009), “Evaluating Systems for Multilingual and Multimodal Information”, Revised Selected Papers. Series: Lecture Notes in Computer Science Subseries: Information Systems and Applications, incl. Internet/Web, and HCI, Vol. 5706, 2009, XXIV, ISBN: 978-3-642-04446-5, pp. 393-400, (ISI Publication, impact factor 0.302)***
 4. Adriana Vlad, Adrian Luca, Bogdan Badea, Madalin Frunzete “A Study on Statistical Independence in the Tent Map”, In ***Proc. IEEE Int. Symposium on Signals, Circuits and Systems (ISSCS 2009)***, Iași, Romania, pp. 481-484, ISBN 978-1-4244-3784-9 (ISI - volumul conferinței este indexat ISI Proceedings pe ISI Web of Science);
 5. Adriana Vlad, Adrian Luca, Madalin Frunzete, (2009), “Computational Measurements of the Transient Time and of the Sampling Distance That Enables Statistical Independence in the Logistic Map”, in ***Lectures Notes in Computer Science (LNCS), Vol. 5593 (ICCSA 2009), Springer - Verlag Berlin Heidelberg***, pp. 703-718, 2009, ISSN 0302-9743 (*ISI - volumele LNCS sunt indexate ISI Proceedings pe ISI Web of Science*);
 6. Angela Ionita, Cornel Lepadatu, (2009), „*Inteligența Afacerilor și conținutul digital al peisajului cultural*”, in “***CALITATEA acces la success***” *Revista Societății Române pentru Asigurarea Calității SRAC*, ISSN: 1582-2559, Nr. 11, pp. 59 – 63 (*Clasif. CNCSIS Clasa B+*)
 7. C. Niculescu și Șt. Trăușan-Matu, „An Ontology-centered Approach for Designing an Interactive Competence Management System for IT Companies”, în ***INFORMATICA ECONOMICA Journal, No. 4, 2009, Ed. INFOREC, ISSN 1453-1305 (Clasif. CNCSIS Clasa B+)***

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Radu Ion, Dan Ștefănescu, Alexandru Ceașu, Dan Tufiș, Elena Irimia, Verginica Barbu-Mititelu, (2009), “A Trainable Multi-factored QA System”, în ***CLEF 2009 Working Notes***, Corfu, September 29 - October 2, 2009, 12 pag, <http://celct.isti.cnr.it/ResPubliQA/>
2. Ion R., Tufiș D., (2009), „*Multilingual versus Monolingual Word Sense Disambiguation*”, in ***International Journal of Speech Technology, Springer Netherlands***, 2009, ISSN: 1381-2416, doi:10.1007/s10772-009-9053-5

3. Radu Ion; Dan Ștefănescu (2009), “*Unsupervised Word Sense Disambiguation with Lexical Chains and Graph-based Context Formalization*”, în **Zygmunt Vetulani, editor, Proceedings of the 4th Language and Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics**, pp. 190–194, Poznan, Poland, November 6–8. Wydawnictwo Poznanskie Sp. z o.o.
4. C. Niculescu, Șt. Trăușan-Matu, (2009), “*An Ontology-Based Competence Management System for IT Companies*”, în **The Proceedings of the 4th International Conference Knowledge Management: Projects, Systems and Technologies, KIP 2009**, București, 6-7 noiembrie 2009, **Editori Toma PLEȘEANU și Luiza KRAFT, © 2009 “Carol I” National Defense University**, ISBN: 978-973-663-783-4, p. 91-93.
5. Ionita, Angela, Zafiu, Adrian; Dascalu, Monica; Franti, Eduard; Visan, Maria, (2009), “*An approach for intelligent decision support system for urban traffic monitoring*”, in **Proc of. “Urban and Regional Data Management” – UDMS Annual 2009**, Ljubljana, Slovenja, 24 – 26 iunie 2009, **Eds. Alenka Krek, Massimo Rumor, Sisi Zlatanova, Elfriede Fendel, CRC Press Taylor & Francis Group – A BALKEMA BOOK**, ISBN: 978-0-415-55642-2, ISBN: 978-0-203-86935-2, pp. 455 – 464
6. Zafiu A., Ionescu V; Dascalu M., Stefan G., (2009), “*Concepts for society meta-modelling*”, in **Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, Volume 20, No. 1**, ISSN 1726-9679, ISBN 978-3-901509-70-4, **Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, EU**, 2009;
7. Ionită, A., Zoicaș, Cl., Gogu, R., (2009), “*The Geospatial Dimensions in Disaster Management and Emergency Response – Pleading for building SDIs*”, în cadrul Primei Conferință Națională de medicină de urgență și salvări în situații speciale , „*Search and Rescue 2009*”, Băile Felix, 20-25 octombrie 2009, România, **Jurnalul de Medicina de Urgenta si Salvari in Situatii Speciale - Supliment nr. 1/2009**, oct. 2009, pp. 87 – 104;
8. Ionita, Angela, (2009), “*Myths, legends and facts in standardization in SDF*”, prezentat la “**CEN/TC 287 meeting: Interoperability workshop**”, București, Romania in 28 sept. 2009, disponibil la adresa: <http://www2.nen.nl/nen/servlet/dispatcher.Dispatcher?id=218348>;
9. C. Niculescu, Șt. Trăușan-Matu și Alin Mihailă, (2009), „*Development of a Competence Management Ontology for IT Companies*” în **The Proceedings of the 10th European Conference on Knowledge Management ECKM 2009** (University of Padua, Vicenza, Italia, 3-4 Septembrie 2009), Edited by **Ettore Bolisani, Università Degli Studi Di Padova, Italy, Published By Academic Publishing International**, ISBN 978-1-906638-40-5.
10. C. Niculescu; Șt. Trăușan-Matu, (2009), “*O abordare bazată pe ontologii în proiectarea unui sistem interactiv de management al competențelor pentru companiile de IT*”, în **Revista Română de Interacțiune Om-Calculator 2(2009)**, **Ed. MATRIX ROM**, București, ISSN 1843-4460, p. 73-88.
11. C. Niculescu, Șt. Trăușan-Matu, (2009), „*Sistem interactiv de management al competențelor bazat pe ontologii, pentru companiile de IT*”, în **Interacțiune Om-**

- Calculator, volumul de lucrări ale celei de a șasea Conferințe Naționale de Interacțiune Om-Calculator ROCHI 2009 (Cluj-Napoca, 3-4 septembrie 2009), editori *Dorian Gorgan și Adriana Mihaela Guran, Ed. MATRIX ROM*, București 2009, ISSN 1843-4460, p. 83-89.
12. C. Ungurean, D. Burileanu, A. Dervis, (2009), “A Statistical Approach to Lexical Stress Assignment for TTS Synthesis”, în *International Journal of Speech Technology, Springer US*, NY, USA, 2009 pp. 63 - 73, ISSN 1381-2416 (*Revistă indexată SCOPUS, Compendex, ERIH, CompuScience, Academic OneFile, Ei Page One*);

2008

Cărți

1. Ionuț Pistol, Dan Cristea, Dan Tufiș (eds.), (2008), “Resurse lingvistice și instrumente de prelucrare a limbii române”, *Editura Universității “A.I. Cuza”*, Iași, ISSN 1843 - 911X, 2008, 201pag.
2. St. Trăușan-Matu (Ed.), (2008), “Interacțiunea conversațională în sistemele colaborative pe web”, *Editura MatrixRom*, ISBN:978-973-755-393-5, 177pag.
3. Cristina NICULESCU (2008). “Sisteme de management de cunoștințe. Concepte, studii de caz”, *Ed. Matrix Rom* București, ISBN 978-973-755-410-9, 396p.
4. Angela Ioniță, (2008) „Inteligența afacerilor și infrastructurile de date spațiale”, ISBN: 978-973-0-05905-2, 92 pp.

Capitole de carte

1. Dan Tufiș, Radu Ion, Alexandru Ceaușu, Dan Ștefănescu, (2008), “ROTEL: linguistic web services”, în *Nicolae Vasiliu, Syabolcs Lanyi (eds.) (2008), Excellence Research - A Way to Innovation, Editura Tehnică, 2008*, pp. 29-1 -- 29-6
2. Dan Tufiș, Radu Ion, Elena Irimia, Alexandru Ceausu, (2008), “Achiziție lexicală nesupervizată pentru adnotare morfo-lexicală”, în *Ionuț Pistol, Dan Cristea, Dan Tufiș (eds.) (2008), “Resurse lingvistice și instrumente de prelucrare a limbii române”, Editura Universității “A.I. Cuza”, Iași, 2008*, pp. 43-50
3. Dan Tufiș, Radu Ion, Alexandru Ceaușu, Dan Ștefănescu, (2008), “Servicii web lingvistice ale ICIA”, în *Ionuț Pistol, Dan Cristea, Dan Tufiș (eds.), (2008), “Resurse lingvistice și instrumente de prelucrare a limbii române”, Editura Universității “A.I. Cuza”, Iași, 2008*, pp. 61-67
4. Dan Tufiș, Alexandru Ceaușu, (2008), “DIAC+: Un sistem profesional de recuperare a diacritelor”, în *Ionuț Pistol, Dan Cristea, Dan Tufiș (eds.),*

- (2008), “Resurse lingvistice și instrumente de prelucrare a limbii române”, *Editura Universității “A.I. Cuza”*, Iași, 2008, pp. 151-160;
5. Dan Tufiș, Radu Ion, Luigi Bozianu, Alexandru Ceaușu, Dan Ștefănescu, (2008), “Romanian Wordnet: Current State, New Applications and Prospects”, in *Attila Tanacs, Dora Csendes, Veronika Vincze, Christiane Fellbaum, and Piek Vossen (eds.), 4th Global WordNet Conference, GWC-2008*, pp. 441-452, January 2008, Szeged, Hungary. Universitatea Szeged, Ungaria. ISBN 978-963-482-854-9.
 6. N. Nistor, St. Trăușan-Matu, (2008), “Inițierea și susținerea comunităților cognitive pe baza teoriei memoriei colective”, în *St. Trăușan-Matu (ed.), Interacțiunea conversațională în sistemele colaborative pe web, Editura MatrixRom, 2008*, pp.25-40.
 7. St. Trăușan-Matu, (2008), “Polifonia colaborării dialogale”, în *St. Trăușan-Matu (ed.), Interacțiunea conversațională în sistemele colaborative pe web, Editura MatrixRom, 2008*, pp. 41-57.
 8. C. Chiru, St. Trăușan-Matu, (2008), “Prelucrarea limbajului natural în interacțiunile chat”, în *St. Trăușan-Matu (ed.), Interacțiunea conversațională în sistemele colaborative pe web, Editura MatrixRom, 2008*, pp.117-137
 9. T. Rebedea, St. Trăușan-Matu, (2008), “Detectarea firelor de discuție în conversațiile chat” în *St. Trăușan-Matu (ed.), Interacțiunea conversațională în sistemele colaborative pe web, Editura MatrixRom, 2008*, pp. 138-159.
 10. M. Dascălu, E.-V. Chioașcă, Ștefan Trăușan-Matu, (2008), “ASAP – Sistem avansat de evaluare a participanților la un chat”, in *A. Marhan, I. Juvină (eds.), Proceedings la a 4-a Conferința Natională de Interacțiune Om-Calculator – RoCHI 2008, MATRIX ROM*, Bucuresti, pp.105-112
 11. T. Rebedea, C. Chiru, St. Trăușan-Matu, (2008), “Portal Web de știri autonom bazat pe prelucrarea limbajului natural”, in *A. Marhan, I. Juvină (eds.), Proceedings la a 4-a Conferința Natională de Interacțiune Om-Calculator – RoCHI 2008, MATRIX ROM*, Bucuresti, pp.85-92
 12. Ștefan Trausan-Matu, (2008), « De la logic la dialogic », in *Ana Bazac, G. G. Constandache, Catalin Ionita, Laura Pana (Eds.), « Logica si provocarile sociale. Profesorul Cornel Popa La 75 De Ani », Editura PolitehnicaPress, 2008*
 13. D. Burileanu, (2008), “Spoken Language Interfaces for Embedded Applications”, Chapter 5 in *Human Factors and Voice Interactive Systems* (D. Gardner-Bonneau and H.E. Blanchard – Eds.), *2nd Edition, Springer US*, New York, USA, pp. 135-161, 2008, ISBN 978-0-387-25482-1

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Tufis D, (2008), “An Overview of Academician Mihai Draganescu's Conceptual Contributions to Information Science”, in “*STUDIES IN INFORMATICS AND CONTROL*“, *Volume: 18, Issue: 4* Pages: 393-404 Published: DEC 2009

2. Dan Tufiş, Dan Ştefănescu, Radu Ion, Alexandru Ceauşu, (2008), “*RACAI’s Question Answering System at QA@CLEF 2007*”, in *CLEF 2007. C. Peters et al. (Eds.), Lecture Notes in Computer Science, LNCS 5152*, pp. 3284-3291, *Springer-Verlag Berlin Heidelberg 2008, (ISI Publication, Impact factor: 0.302)*
3. Dan Tufiş, Ion R, Bozianu L, et al. (2008), “*Romanian WordNet: Current State, New Applications and Prospects*”, in *GWC 2008: FOURTH GLOBAL WORDNET CONFERENCE, PROCEEDINGS* Pages: 441-452 Published: 2008
4. Dan Tufiş, (2008), “*Mind your words! You might convey what you wouldn't like to*”, in *INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 3*, Pages: 139-143 Supplement: Suppl. S Published: 2008, (*ISI Publication, Impact Factor: 0.373*)
5. Dan Tufiş, Ştefanescu D, Ion R, et al. (2008), “*RACAI's Question Answering System at QA@CLEF2007*”, in *ADVANCES IN MULTILINGUAL AND MULTIMODAL INFORMATION RETRIEVAL Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume:5152* Pages: 284-291 Published: 2008, (*ISI Publication, Impact factor: 0.402*)
6. Giampiccolo, D., Forner, P., Herrera, J., Peñas, A., Ayache, C., Forăscu, C., Jijkoun, V., Osenova, P., Rocha, P., Săcăleanu, B., Sutcliffe, R. (2008). « *Overview of the CLEF 2007 Multilingual Question Answering Track*”, in *Carol Peters, Valentin Jijkoun, Thomas Mandl, Henning Müller, Douglas W. Oard, Anselmo Peñas, Vivien Petras, and Diana Santos (eds.) Advances in Multilingual and Multimodal Information Retrieval (CLEF 2007), LNCS 5152, Springer-Verlag Berlin Heidelberg, September 2008, ISBN 978-3-540-85759-4, pp. 200-236. (ISI Publication, Impact factor: 0.402)*
7. Forăscu, C. (2008), “*Why Don't Romanians Have a Five O'clock Tea, Nor Halloween, but Have a Kind of Valentines Day?*”, in *Alexander Gelbukh (ed.) Computational Linguistics and Intelligent Text Processing, CICLing 2008, LNCS 4919, Springer-Verlag Berlin Heidelberg 2008*. Haifa, February 17-23, 2008, Israel. ISBN 978-3-540-78134-9, pp 73-84. (*ISI Publication, Impact factor: 0.402*)
8. Radu Ion, Dan Ştefănescu, Alexandru Ceauşu, (2008), “*Important Practical Aspects of an Open-domain QA System Prototyping*”, in *Proceedings of the Romanian Academy, Series A, 6 p., The Publishing House of the Romanian Academy*, 2008, Bucharest, Romania (*ISI Publication, Impact factor: 0.088*)
9. Rebedea, T., & Trausan-Matu, S. (2008), “*Autonomous News Clustering and Classification for an Intelligent Web Portal*”, in *Foundations of Intelligent Systems, Lecture Notes in Computer Science (Vol. 4994, pp. 477-486), Springer, Berlin (ISI Publication)*
10. Adriana Vlad, Bogdan Badea, (2008), “*Analysing the Dependence between Variance and Mean Estimated Values: A Theoretical and Experimental Approach*”, in *Lectures Notes in Computer Science (LNCS), vol. 5073, Springer - Verlag Berlin Heidelberg*, pp. 752-767, 2008, ISSN 0302-9743, (*ISI Publication, Impact factor: 0.302*)

11. T. Rebedea, St. Trăușan-Matu, (2008), “Autonomous News Clustering and Classification for an Intelligent Web Portal”, in A. An et al. (Eds.): *ISMIS 2008, LNAI 4994, Springer*, 2008, pp. 477–486, (ISI Publication, Impact Factor: 0.302)
12. Dascalu, M., Chioasca, E., & Trausan-Matu, S. (2008), “ASAP- An Advanced System for Assessing Chat Participants”, in *Artificial Intelligence: Methodology, Systems, and Applications, Lecture Notes in Computer Science (Vol. 5253)*, pp. 58-68), Springer, Berlin (ISI Publication)
13. Rebedea, T., Trausan-Matu, S., & Chiru, C. (2008), “Extraction of Socio-semantic Data from Chat Conversations in Collaborative Learning Communities. In Times of Convergence. Technologies Across Learning Contexts”, in *Lecture Notes in Computer Science (Vol. 5192)*, pp. 366-377), Springer, Berlin, (ISI Publication)
14. Ștefan Trăușan-Matu, Cristina Niculescu (2008). “A Framework for an Ontology-based Information System for Competence Management” în „*INFORMATICA ECONOMICA Journal*”, No. 4, 2008, INFOREC Publishing House, ISSN 1453-1305 (Cotație Clasa B+ cf. CNCSIS)
15. Angela Ioniță, (2008) „Tendințe și instrumente noi pentru aplicații de e-Government în societatea cunoașterii”, în revista SRAC “Calitatea acces la success”, anul 9, nr. 7 – 8 iulie-august 2008, pg. 73 – 79, ISSN: 1582 – 2559 (Cotație Clasa B+ cf. CNCSIS)
16. Angela Ioniță, Ion Nedelcu, (2008), „Infrastructurile de date spațiale - saltul către fundamentare interdisciplinară, cercetare și finanțare instituțională adecvate”, în revista SRAC “Calitatea acces la success”, ISSN: 1582 – 2559, (Cotație Clasa B+ cf. CNCSIS)
17. Radu Constantin Gogu, Angela Ionita, Piotr Wojda, Serge Brouyere, (2008), “Sistem informatic geospațial”, in revista SRAC “CALITATEA acces la success” Revista Societății Române pentru Asigurarea Calității SRAC, anul 9, nr. 1-2, 2008, ISSN: 1582-2559, pp.87-90, (Cotație Clasa B+ cf. CNCSIS)
18. C. Ungurean, D. Burileanu, V. Popescu, C. Negrescu, A. Derviș, (2008), “Automatic Diacritic Restoration for a TTS-Based E-mail Reader Application”, *UPB Scientific Bulletin, Series C, Vol. 70, No. 4/2008*, București, pp. 3-12, ISSN 1454-234x (Cotație Clasa B+ cf. CNCSIS)

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Dan Tufis, Svetla Koeva, Tomaz Erjavec, Maria Gavrilidou, Cvetana Krstev, (2008), “Building Language Resources of Machine Translation Focused on South Slavic and Balkan Languages”, in *Proceedings of the Sixth International Conference Formal Approaches to South Slavic and Balkan Languages (FASSBL 2008)* Dubrovnik, Croatia, September 25-28, 2008. ISBN 978-953-55375-0-2, pp. 145-152
2. Dan Tufiș, (2008), ”Connotation Analysis”, in *Proceedings of the Sixth International Conference Formal Approaches to South Slavic and Balkan*

- Languages (FASSBL 2008)*, pp. 139-144, Dubrovnik, Croatia, September 25-28, 2008. ISBN 978-953-55375-0-2.
3. Dan Tufiș, (2008), “*Extending the Ro-WordNet with Paradigmatic Morphology and Subjectivity Mark-up*”, in *Proceedings of the 5th European Conference on Intelligent Systems and Technologies (ECIT 2008)*, Iasi, Romania, July 2008. Romanian Academy
 4. Radu Ion, Dan Ștefănescu, Alexandru Ceașu, Dan Tufiș, (2008), „*RACAI’s QA System at the Romanian-Romanian Multiple Language Question Answering (QA@CLEF2008) Main Task*”, in *Proceedings of the CLEF2008*, 10 p., Aarhus, Denmark, 2008
 5. Dan Tufiș, Radu Ion, Alexandru Ceașu, and Dan Ștefănescu, (2008), „*RACAI’s Linguistic Web Services*”, in *Proceedings of the 6th Language Resources and Evaluation Conference - LREC 2008*, Marrakech, Morocco, May 2008. ELRA - European Language Resources Association.
 6. Dan Tufiș, Elena Irimia, Radu Ion, and Alexandru Ceașu, (2008), „*Unsupervised Lexical Acquisition for Part of Speech Tagging*”, in *Proceedings of the 6th Language Resources and Evaluation Conference - LREC 2008*, Marrakech, Morocco, May 2008. ELRA - European Language Resources Association
 7. Dan Tufiș and Alexandru Ceașu, (2008), „*DIAC+: A Professional Diacritics Recovering System*”, in *Proceedings of the 6th Language Resources and Evaluation Conference - LREC 2008*, Marrakech, Morocco, May 2008. ELRA - European Language Resources Association
 8. Amalia Todirașcu, Dan Tufiș, Ulrich Heid, Christopher Gledhill, Dan Ștefănescu, Marion Weller, and François Rousselot, (2008), „*A Mix Approach to Extracting and Classifying Verb+Noun Constructions*”, in *Proceedings of the 6th Language Resources and Evaluation Conference - LREC 2008*, Marrakech, Morocco, May 2008. ELRA - European Language Resources Association.
 9. Dan Tufiș, Radu Ion, Luigi Bozianu, Alexandru Ceașu, Dan Ștefănescu, (2008), “*RO-Wordnet*”, in *Proceedings of the 4th Global WordNet Association Conference*, January 22-25, 2008, Szeged, Hungary
 10. Forăscu, C. (2008), “*Generating Questions in the CLEF taxonomy*”, in *Question Generation Shared Task and Evaluation Challenge, N.S.F. Arlington, V.A., U.S.A.*, September 25-26, 2008.
 11. Forner, P., Peñas, A., Alegria, I., Forăscu, C., Moreau, N., Osenova, P., Prokopidis, P., Rocha, P., Săcăleanu, B., Sutcliffe, R., Sang, E.T.K. (2008), “*Overview of the CLEF 2008 Multilingual Question Answering Track (QA@CLEF 2008)*”, Aarhus, Denmark, September 17-19, 2008.
 12. Forăscu, C. (2008), “*Processing Temporal Information in a Multilingual Context*”, in *CD Proceedings of NLDB-DS-2008, University of Westminster, London, UK*, June 24-27, 2008.
 13. Forăscu, C. (2008), “*GMT to +2 or How Can TimeML Be Used in Romanian*”, in *Proceedings of LREC-2008*, Marrakech, Morocco, May 26 - June 1, 2008, ISBN 2-9517408-4-0.

14. Forăscu, C. (2008), “*Temporal Information Processing*”, în ***Proceedings of the 5th European Conference on Intelligent Systems and Technologies (ECIT 2008)***, Romanian Academy, Iasi branch, July 10-12, 2008.
15. Cristea, D., Forăscu, C., Răschip, M., Zock, M. (2008), “*How to Evaluate and Raise the Quality*”, în a ***Collaborative Lexicographic Approach. In Proceedings of LREC-2008***, Marrakech, Morocco, May 26 - June 1, 2008, ISBN 2-9517408-4-0.
16. Forăscu, C. (2008), « *Un corpus paralele român-englez* », în ***Lucrările Seminarului Internațional al Uniunii Latine "Instrumente pentru asistarea traducerii"***, Academia Română, București, 28-29 februarie, 2008. ISBN 978-9-291220-37-3.
17. Forăscu, C., Cristea, D., Pistol, I. (2008), “*Portalul ConsILR – mijloc de informare asupra activităților de informatizare a limbii române*”, în ***Lucrările Seminarului Internațional al Uniunii Latine "Instrumente pentru asistarea traducerii"***, Academia Română, București, 28-29 februarie, 2008. ISBN 978-9-291220-37-3.
18. Răschip, M., Cristea, D., Forăscu, C. (2008), “*eDTLR – Dicționarul tezaur al limbii române în format electronic*”, în ***Lucrările Seminarului Internațional al Uniunii Latine "Instrumente pentru asistarea traducerii"***, Academia Română, București, 28-29 februarie, 2008. ISBN 978-9-291220-37-3.
19. Dan Tufiș, Elena Irimia, Radu Ion, Alexandru Ceașu (2008), “*Unsupervised Lexical Acquisition for Part of Speech Tagging*”, în ***Proceedings of LREC 2008***, May 26 - June 1, Marakkech, Morocco. ***ELRA - European Language Resources Association***. ISBN: 2-9517408-4-0.
20. Irimia Elena (2008), “*Experimente de traducere automata bazata pe exemple pentru perechea de limbi engleza-romana*”, în volumul manifestarii ***Atelierul de lucru "Resurse lingvistice si instrumente pentru prelucrarea limbii romane"*** IASI, 19-21 noiembrie 2008, la Editura Universității "Al. I. Cuza" Iasi
21. Alexandru Ceașu, (2008), “*Colectarea și procesarea documentelor românești ale corpusului JRC-Acquis*”, ***Atelierul de Resurse Lingvistice pentru Limba Romana (CONSILR) 2009***, Iasi, 19-20 noiembrie 2008
22. Dan Ștefănescu, Alexandru Ceașu, Radu Ion, Amalia Todirașcu, Ulrich Heid, Christopher Gledhill, François Rousselot, (2008), “*Extraction de collocations monolingues et bilingues: application a la traduction*”, ***The Latin Union Conference***, 28-29 Feb. 2008, București, România. ISBN 978-9-291220-37-3;
23. Dan Ștefănescu, Dan Tufiș, (2008), “*CONAN – Analiza Conotațiilor unui text, în volumul atelierului de lucru*”, în ***Ionuț Pistol, Dan Cristea, Dan Tufiș (eds.), (2008), “Resurse lingvistice și instrumente de prelucrare a limbii române”***, Editura Universității “A.I. Cuza”, Iași, ISSN 1843 - 911X, 2008, 201pag.
24. Dan Ștefănescu, Alexandru Ceașu, Radu Ion, Amalia Todirașcu, Ulrich Heid, Christopher Gledhill, François Rousselot, (2008), “*Extracting monolingual and bilingual collocations for machine translation (Extraction de collocations monolingues et bilingues: application a la traduction)*”, în ***The***

- Latin Union Conference, 28-29 Feb. 2008, Bucharest, Romania (French).*
ISBN 978-9-291220-37-3
25. T. Rebedea, St. Trăușan-Matu, (2008), “*Text Classification in Romanian for an Intelligent Web Portal*”, in *Annals of the Academy of Romanian Scientists, Series on Science and Technology of Information, vol.1*, nr.1, 2008, pp.105-112.
 26. C. Chiru, T. Rebedea, St. Trăușan-Matu, (2008), “*O îmbunătățire a performanțelor algoritmului KNN în sistemele de recomandare pe web*”, in *A. Marhan, I. Juvină (eds.), Proceedings la a 4-a Conferinta Nationala de Interactiune Om-Calculator – RoCHI 2008, MATRIX ROM*, Bucuresti, pp.41-48
 27. L. Trăușan-Matu , V.A. Canciu, St. Trăușan-Matu, (2008), “*Analiza imaginariului din text*”, in *A. Marhan, I. Juvină (eds.), Proceedings la a 4-a Conferinta Nationala de Interactiune Om-Calculator – RoCHI 2008, MATRIX ROM*, Bucuresti, pp.97-104
 28. Angela Ioniță, (2008), „*New challenges in e-Government applications*”, publicat în *Proc. of International Conference and Workshop “Effective public management for citizens and the business environment”*, Ed. ASE, Buc, ISBN: 978-606-505-082-2;
 29. Angela Ioniță, (2008) „*Quality of information as challenge in business model for e-Government*”, publicat în *Proc. of International Conference and Workshop “European Public Services for Improving the Quality of EU citizen’s life”*, Ed. ASE, Buc, ISBN 978-606-505-083-9;
 30. A. Mitrea, Adriana Vlad, M. Mitrea, (2008), “*Some connections between digram and word statistical structures in Printed Romanian when orthography and punctuation marks are included*”, in *Proc. of the 7th IEEE International Conference Communications’2008*, Bucharest, June 5-7, 2008, pp. 77-80 (*Editura Printech*, ISBN 978-606-521-008-0
 31. A. Luca, Adriana Vlad, (2008), “*New chaotic sequences useful in cryptography starting from the logistic map*”, in *Proc. of the 7th IEEE International Conference Communications’2008, Bucharest* , June 5-7, 2008, pp. 163-166 (*Editura Printech*, ISBN 978-606-521-008-0).
 32. M. Mitrea, O. Dumitru, S. Duta, F. Prêteux, Adriana Vlad, (2008), “*A comparative study on video watermarking capacity*”, in *Proc. of the 7th IEEE International Conference Communications’2008*, Bucharest, June 5-7, 2008, pp. 335-338 (*Editura Printech*, ISBN 978-606-521-008-0).

2007

Cărți

1. Mihai Drăgănescu (2007), „*Societatea Conștiinței*”, **Editura Printech**, 230pag., noiembrie 2007, ISBN 978-973-0-05307-4
2. Ioniță, A., C. Niculescu, C. Lepadatu, G. Dumitrescu (Eds.), 2007. “*Proceedings of the workshop “Services and Software Architectures, Infrastructures and Engineering for enhancing EU Citizen’s Quality of Life”*”, ISBN 978-973-0-04939-8, 229 pag.
3. Ioniță, A., Niculescu, C., Lepadatu, C., Franți, E., (Eds.), (2007), “*Infrastructures and Engineering for Knowledge Society*”, ISBN: 978-973-0-05369-2, 147 pag.

Capitole de carte

1. M. Surmei, D. Burileanu, C. Negrescu, R. Pirvu, C. Ungurean, A. Dervis, (2007), “*Text-to-Speech Engines as Telecom Service Enablers*”, in ***Advances in Spoken Language Technology, Publishing House of the Romanian Academy***, Bucharest, pp. 89-98, 2007, ISBN 978-973-27-1516-1.
2. C. Negrescu, A. Ciobanu, D. Burileanu, D. Stanomir, (2007), “*An Improved Hybrid Time-Frequency Algorithm for Time-Scale Modification of Speech/Audio Signals*”, in ***Advances in Spoken Language Technology, Publishing House of the Romanian Academy***, Bucharest, pp. 147-162, 2007, ISBN 978-973-27-1516-1.
3. Adriana Vlad, Adrian Mitrea, Mihai Mitrea (2007), „*Orthography and Punctuation Marks in Printed Romanian Modelling: a Study Based on the Letter Statistical Structure in a Literary Corpus*” in ***Advances in Spoken Language Technology: Proceedings of the 4th International Conference on Speech and Dialogue Systems (SPED2007)***, 10-12 May, Iași, **Romanian Academy Publishing House**, Bucharest, 2007, pp. 207-216, ISBN 978-973-27-1516-1

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Dan Tufiș, (2007), „*Exploiting Aligned Parallel Corpora in Multilingual Studies and Applications*”, în ***Ishida, T.; Fussel, S.R., Vossen, P. (eds.): Intercultural Collaboration I”, Lecture Notes in Computer Science 4568, ISBN: 978-3-540-73999-9, pp. 103 – 117, Springer Verlag, Berlin Heidelberg 2007, (ISI Publication, Impact factor: 0.513)***

2. Georgiana Puscașu, Adrian Iftene, Ionuț Pistol, Diana Bălașa, Dan Tufiș, Alin Ceaușu, Dan Ștefănescu, Constantin Orășan, Iustin Dornescu, Radu Ion, Dan Cristea, (2007), “A Cross-Lingual Romanian to English Question Answering System”, în *Peters, C.; Clough, P.; Gey, F.C.; Karlgren, J.; Magnini, B.; Oard, D.W.; de Rijke, M.; Stempfhuber, M. (Eds.) LNCS 4730 Lecture Notes in Computer Science, Springer-Verlag (2007)*, ISBN: 978-3-540-74998-1, pp. 385-394, **(ISI Publication, Impact Factor: 0.513)**
3. Dan Tufiș, Svetla Koeva, (2007), “Ontology-supported Text Classification based on Cross-lingual Word Sense Disambiguation”, în *F. Masulli, S. Mitra, and G. Pasi (Eds.): WILF 2007, LNAI 4578*, pp. 447–455, ISBN: 978-3-540-73399-7, *Springer-Verlag Berlin Heidelberg 2007*, **(ISI Publication, Impact Factor: 0.513)**
4. Dan Tufiș, (2007), “Exploiting Aligned Parallel Corpora in Multilingual Studies and Applications”, în *Ishida, T., Fussell, S.R., Vossen, P. (eds.): Intercultural Collaboration I. Lecture Notes in Computer Science 4568*, ISBN: 978-3-540-73999-9, pp. 103-117, *Springer-Verlag, Berlin Heidelberg 2007*, **(ISI Publication, Impact Factor: 0.513)**
5. Eduard Barbu, Verginica Barbu Mititelu (2007), “Automatic Building of Wordnets Recent Advances in Natural Language Processing IV”. Selected papers from RANLP-05, *Current Issues in Linguistic Theory*, pp. 217–226, John Benjamins, Amsterdam, ISBN 978-90-272-4807-7 **(ISI Publication, impact factor: 1.8)**.
6. Gheorghe Tecuci, Mihai Boicu, Michael T. Cox, (2007), „Seven Aspects of Mixed-Initiative Reasoning: An Introduction to the Special Issue on Mixed-Initiative Assistants” in *AI Magazine*, Volume 28, Number 2, Summer 2007, pp. 11-18, ISSN 0738-4602 **(ISI Publication, impact factor: 1)**.
7. Gheorghe Tecuci, Mihai Boicu, Thomas Hajduk, Dorin Marcu, Marcel Bărbulescu, Cristina Boicu, Vu Le (2007) „A Tool for Training and Assistance in Emergency Response Planning” in *Proceedings of the Hawaii International Conference on System Sciences*, HICSS-40, Hawaii, January 3-6”, 2007, pp. 23-33, ISBN 1530-1605, **(ISI Publication, impact factor: 1.117)**.
8. Mihai Mitrea, Octavian Dumitru, Françoise J. Prêteux, Adriana Vlad (2007), “Zero Memory Information Sources Approximating to Video Watermarking Attacks” in *Computational Science and Its Applications – ICCSA 2007. International Conference, Kuala Lumpur, Malaysia, August 26-29, 2007. Proceedings. Part III. LNCS 4707, Springer Berlin/Heidelberg, 2007*, pp. 445-459, ISBN 0302-9743 **(ISI Publication, impact factor: 0.513)**
9. Adriana Vlad, Adrian Luca, Bogdan Badea (2007), “On Statistical Independence in the Logistic Map: A Guide to Design New Chaotic Sequences Useful in Cryptography Computational Science and Its Applications”, *ICCSA 2007. International Conference, Kuala Lumpur, Malaysia, August 26-29, 2007. Proceedings. Part III. LNCS 4707, Springer Berlin/Heidelberg, August 2007*, pp. 460-474, ISBN 0302-9743 **(ISI Publication, impact factor: 0.513)**;
10. Adriana Vlad, Adrian Mitrea, Mihai Mitrea (2007), „Printed Romanian Modelling: A Corpus Linguistics Based Study with Orthography and Punctuation Marks Included Computational Science and Its Applications”, *ICCSA 2007*

- International Conference, Kuala Lumpur, Malaysia, August 26-29, 2007. Proceedings, Part I*, LNCS 4705 Springer 2007, pp. 409-423, ISBN 0302-9743 (*ISI Publication, impact factor: 0.513*)
11. Adriana Vlad, Adrian Luca (2007), „Generating chaotic sequences for enciphering purposes” in **Proc. IEEE Int. Symposium on Signals, Circuits and Systems** (ISSCS 2007), Iași, Romania, July 2007, pp. 481-484, ISBN 1-4244-0969-1 (*ISI Publication*);
 12. Ciprian Onofreiciuc, Alexandru Rosiu, Alexandru Gartner, Stefan Trausan-Matu (2007), “Polyphony, a Knowledge-based Chat System Supporting Collaborative Work”, in **C. Badica, M. Paprzycki (Eds.), Advances in Intelligent and Distributed Computing, Studies in Computational Intelligence (Vol. 78**, pp. 155-164), **Springer**, Berlin
 13. Angela Ioniță (2007), “Complexity and Quality of Geob Services (partea I)” in **CALITATEA acces la success**, Revista Societății Române pentru Asigurarea Calității SRAC, anul 8, nr. 4, 2007, pp. 47-50, ISSN 1582-2559 (*Cotație Clasa B+ cf. CNCSIS*)
 14. Angela Ioniță (2007), “Complexity and Quality of Geob Services (partea a II-a)” in **CALITATEA acces la success**, Revista Societății Române pentru Asigurarea Calității SRAC, anul 8, nr. 5, 2007, pp.53 – 57, ISSN 1582-2559 (*Cotație Clasa B+ cf. CNCSIS*)
 15. Angela Ioniță, Sorin Andrei, Claudiu Zoicaș, Ion Nedelcu (2007), „O clasă de aplicații pentru comunități inteligente” în **CALITATEA acces la success**, Revista Societății Române pentru Asigurarea Calității SRAC, anul 8, nr. 11, 2007, pp. 51-55, ISSN 1582-2559 (*Cotație Clasa B+ cf. CNCSIS*)

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Dan Tufiș (2007), “Lingvistica românească teoretică și computațională”, în **Academica**, nr. 66-67, septembrie-octombrie, anul XVII, pp.9-11, **Editura Academiei Române**, București, 2007, ISSN 1220-5737.
2. Dan Tufiș, Dan Ștefănescu, Radu Ion, Alexandru Ceaușu (2007), “RACAI’s Question Answering System at QA@CLEF 2007” in **Working Notes for the CLEF 2007 Workshop**, Budapest, Hungary , September 2007, 15 p, online
3. Dan Tufiș (2007), “Cross-Lingual Knowledge Induction from Parallel Corpora“, in **Southern Journal of Linguistics**, vol. 29, USA, 2007, pp. 214-223, ISSN 0730-6245
4. Dan Cristea, Corina Forăscu, Rada Mihalcea, Dan Tufiș (2007), “Report on EUROLAN 2007” in **EACL Newsletter**, no. 9, September 2007, online
5. Dan Tufiș, Alexandru Ceaușu, (2007), “Diacritics Restoration in Romanian Texts”, **RANLP 2007**, September, 7pag., 2007, Borovetz, Bulgaria
6. Corina Forăscu, Radu Ion, Dan Tufiș, (2007), „Semi-automatic Annotation of the Romanian TimeBank 1.2”, **RANLP 2007**, 7 pag., September 2007, Borovetz, Bulgaria

7. Dan Tufiș, Dan Ștefănescu, Radu Ion, Alexandru Ceaușu, (2007), “*RACAI’s Question Answering System at QA@CLEF 2007*”, *CLEF2007 Workshop*, 15 pp., September, 2007, Budapest, Hungary
8. Radu Ion, Dan Tufiș, (2007), “*Meaning Affinity Models*”, în *Proceedings of SEMEVAL Workshop, ACL 2007*, Prague, 23-24 June 2007
9. Dan Tufiș, Radu Ion, (2007), “*Parallel Corpora, Alignment Technologies and Further Prospects in Multilingual Resources and Technology Infrastructure*”, în *Proceedings of the 4th International Conference on Speech and Dialogue Systems (SPED2007)*, 10-12 May, 2007, *Romanian Academy Publishing House*, 183-195
10. Dan Tufiș, (2007), “*Exploiting Aligned Parallel Corpora in Multilingual Studies and Applications*”, în *Proceedings of the International Workshop on Intercultural Cooperation*, 25-26 January 2007, Kyoto, Japan, pp. 110-125;
11. Gheorghe Tecuci, Mihai Boicu, Dorin Marcu, Cristina Boicu, Marcel Bărbulescu, Cindy Ayers, David Cammons (2007), „*Cognitive Assistants for Analysts*” in *Journal of Intelligence Community Research and Development (JICRD)*, ISSN 0973-1873
12. Gheorghe Tecuci, Mihai Boicu, Dorin Marcu, Cristina Boicu, Marcel Bărbulescu, Cindy Ayers, David Cammons (2007), „*Cognitive Assistants for Analysts*” in *Proteus Futures Digest: A Compilation of Selected Works Derived from the 2006 Proteus Workshop*, Joint publication of the National Intelligence University, Office of the Director of National Intelligence, and US Army War College Center for Strategic Leadership, 2007, pp. 303-329, online
13. Verginica Barbu Mititelu, Eduard Barbu (2007), “*From Dictionaries to Language Representation Formalisms.*” In *Revue Roumaine de Linguistique*, LII, Issue 1-2, Romanian Academy Publishing House
14. Verginica Barbu Mititelu (2007), “*Anne Abeillé, Treebanks. Building and Using Parsed Corpora*” in *Revue Roumaine de Linguistique*, LII, Issue 3, Romanian Academy Publishing House
15. Adrian Zafiu, Monica Dascălu, Eduard Franți, Mihaela Zafiu, Bogdan Oancea, Angela Ioniță, Marius Stoian (2007), “*Virtual Environments for Prosthesis Design*” in *WSEAS Conference Proceedings*, Tenerife, Spania, december 2007, ISBN 1790-5117
16. Monica Dascălu, Eduard Franți, Florin Lazo, Angela Ioniță, Verona Muntean, Maria Vișan (2007), “*Traffic Simulator with Cellular Automata*” in *WSEAS Conference Proceedings*, Tenerife, Spania, december 2007, ISBN 1790-5117
17. Angela Ioniță (2007), „*Public Private Partnerships for Spatial Data Infrastructures in the context of e-Government*” in *EUROGI EU Industry Day*, December 6-7, 2007, Rome, Italy.
18. Angela Ioniță, Sorin Andrei, Ion Nedelcu (2007), “*Mobile Applications for Smart Communities*”, in *Proceedings of the workshop “Services and Software Architectures, Infrastructures and Engineering for enhancing EU Citizen’s Quality of Life*”, Romanian Academy Library, Bucharest, 2007, pp. 148 -152, ISBN 978-973-0-04939-8.
19. Angela Ioniță, Ion Nedelcu, Sorin Andrei, Claudiu Zoicas, (2007), “*The World of GeoWeb Services Applications for Public Administration in the framework of*

- Knowledge Society”, in *Proceedings of the workshop “Services and Software Architectures, Infrastructures and Engineering for enhancing EU Citizen’s Quality of Life”*, Romanian Academy Library, Bucharest, 2007, pp. 211 -223, ISBN 978-973-0-04939-8.
20. Angela Ioniță (2007): “Trends in applications for public administration in the framework of Knowledge Society: geoweb services applications”, in *Proc of The 1st International Symposium Geotunis2007, Tunis*: November 15-17, 2007 (published on CD).
 21. Stefan Trăușan-Matu, Traian Rebedea, Alexandru Drăgan, Cătălin Alexandru (2007), “Visualisation of Learners’ Contributions in Chat Conversations” in *Blended Learning*, Pearson Prentice Hall, pp. 217-226
 22. Stefan Trăușan-Matu (2007), “Omul reificat, între “limbajul de lemn” si inteligența artificială” în *Filosofia lui Ba*, București, *Editura Amaltea*, 2007
 23. Dan Tufiș, Radu Ion (2007), „Cross lingual and cross cultural textual encoding of opinions and sentiments”, *EUROLAN'2007: Semantics, Opinion and Sentiment in Text*, Iași, July 23 – August 3,2007
 24. Dan Tufiș (2007), „Tehnologii lingvistice pentru limba română”,*Tehnologiile lingvistice, prioritate a prezentului și necesitate a viitorului: contribuții, direcții de acțiune și proiecte românești*, 10 septembrie, Academia Română, București
 25. Dan Tufiș (2007), „Exploiting Multilinguality in Developing Training Data for Statistics-Based NLP”, *NATO Advanced Study Institute*, Batumi Georgia, 15-27 September, 2007
 26. Radu Ion, Dan Tufiș (2007), „Meaning Affinity Models”, *Proceedings of the Fourth International Workshop on Semantic Evaluations (SemEval-2007)*, Prague, Czech Republic, Association for Computational Linguistics, June 2007, pp. 282-287.
 27. Dan Tufiș, Alexandru Ceașu (2007), „Diacritics Restoration in Romanian Texts”, *A Common Natural Language Processing Paradigm for Balkan Languages*, International workshop at RANLP 2007, INCOMA Ltd., Shoumen, Bulgaria, 2007, pp. 49-56, ISBN 978-954-91743-8-0
 28. Corina Forăscu, Radu Ion, Dan Tufiș (2007), „Semi-automatic Annotation of the Romanian TimeBank 1.2”, *Proceedings of Computer - Aided Language Processing, International workshop at RANLP 2007*, Borovets, Bulgaria, 30 September 2007, pp. 1-6, ISBN 978-954-452-005-2
 29. Cristina Boicu, Gheorghe Tecuci, Mihai Boicu (2007), „Learning Complex Problem Solving Expertise from Failures”, *Sixth International Conference on Machine Learning and Applications (ICMLA'07)*, Cincinnati, Ohio, December 13-15, 2007, pp. 118-124
 30. Gheorghe Tecuci, Mihai Boicu, Douglas Weidner (2007), „Expert Agent Technology for Knowledge-Intensive Applications”, *Track 3 Technology Applications for Successful KM Programs of "The 8th Annual Knowledge Management Conference"*, April 5th.
 31. Gheorghe Tecuci, Mihai Boicu (2007), „Disciple-LTA: Overview and Analytic Assistance Demo”, *Defense Intelligence Agency*, Bolling Air Force Base, Washington DC, April 11th, 2007

32. Gheorghe Tecuci, Mihai Boicu, Cindy Ayers (2007), „*Military Applications of Artificial Intelligence: After Action Review*”, **Center for Strategic Leadership**, US Army War College, May 24th
33. Gheorghe Tecuci, Mihai Boicu (2007), „*Agent Learning for Mixed-Initiative Knowledge Acquisition*”, **AFOSR Software, Systems and Security PI Meeting**, Syracuse, NY, 4 June 2007
34. Gheorghe Tecuci (2007), „*From Personal Computers to Learning Assistants: Development and Use of Intelligent Agents by Non-Computer Scientists*”, CI 2007 Keynote Address, **The Third IASTED International Conference on Computational Intelligence**, Banff, Canada, 2 July 2007.
35. Gheorghe Tecuci, Mihai Boicu, Dorin Marcu, Le V., Cristina Boicu, Schum D., Marcel Bărbulescu (2007), „*Disciple-LTA: Analytic Assistance, Expertise Capturing and Tutoring*”, CASE PI Meeting “**Analysis 2.0: Enterprise 2.0 meets Intelligence Analysis**”, Suffolk, VA, September 25-27, 2007.
36. Amalia Todirașcu, Christopher Gledhill, Dan Ștefănescu (2007), „*Extracting Collocations in Context*”, **Proceedings of the 3rd Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics**, Poznań, Poland, October 5-7, 2007, pp. 408-412, ISBN 978-83-7177-407-2
37. Amalia Todirașcu, Christopher Gledhill, Dan Ștefănescu (2007), „*Extracting Collocations in Context: the case of Romanian VN constructions*”, **RANLP 2007**, Borovets, Bulgaria, INCOMA Ltd., Shoumen, Bulgaria, 2007, pp.594-598, ISBN 978-954-91743-7-3
38. Alexandru Ceaușu (2007), „*Word alignment using binary classification*”, **NATO Advanced Study Institute on Mining Massive Data Sets for Security**, September 2007, Gazzada, Italy
39. Elena Irimia (2007), „*ROG - A Paradigmatic Morphological Generator for Romanian*”, **Proceedings of the 3rd Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics**, Poznań, Poland, October 5-7, 2007, pp. 408-412, ISBN 978-83-7177-407-2
40. Elena Irimia (2007), „*RomGen - A Romanian morphological generator, essential component of an English-to-Romanian MT system*”, **Proceedings of the EUROLAN 2007 Doctoral Consortium**. Iasi, Romania, July 2007, University Al.I. Cuza Publishing House, Iași, 2007, pp. 54-58, ISBN 978-973-703-246-1
41. Cristina Niculescu, C. Lepădatu, Dan Ștefănescu (2007), „*SSCBI - A Teleworking Environment of Support Systems for Knowledge Culture*”, **Proceedings of the International Conference Remote Engineering Virtual Instrumentation (REV 2007)**, iunie 2007, Porto, Portugalia, ISBN 978-3-89958-278-9
42. Cristina Niculescu (2007), „*Knowledge Work Management: Integration of Work and e-Learning Processes in Knowledge Organisations*”, **The South-East European Space in the Context of Globalisation**, Proceedings of the International Scientific Conference XXI Strategies, section 7 “E-learning and Software for Education”, “Carol I” National Defence University Publishing House, Bucharest, 12-13 April, 2007, p. 405-412, pp. 405-412, ISBN: 987-973-663-535-9

43. Cristina Niculescu (2007), „From Portals to Knowledge Portals”, **Proceedings of the workshop “Services and Software Architectures, Infrastructures and Engineering for enhancing EU Citizen’s Quality of Life”**, Romanian Academy Library, Bucharest, 2007, pp. 224 –229, ISBN 978-973-0-04939-8
44. Cristina Niculescu (2007), „Integrating Knowledge Management Systems in sustaining relationship between Public Administration with Citizens and Business Environment”, **Proceedings of the workshop “Services and Software Architectures, Infrastructures and Engineering for enhancing EU Citizen’s Quality of Life”**, Romanian Academy Library, Bucharest, 2007, pp. 194-200, ISBN 978-973-0-04939-8
45. Cristina Niculescu (2007), „Knowledge Product Management in Knowledge based Organizations Informatics in Knowledge Society”, **Proceedings of the 8th International Conference on Informatics in Economy**, ASE Printing House, May 2007, pp. 584-589, ISBN 978-973-594-921-1
46. Cristina Niculescu (2007), „Integrating Knowledge Management Systems as a Key Tool for Modernizing Public Services Business Information Systems & Collaborative Support Systems in Business”, **The Proceedings of the International Conference “Competitiveness and European Integration”**, Risoprint Publishing House, Cluj-Napoca, Octombrie, 2007, pp. 363-367, ISBN 978-973-751-597-1
47. Valentin Cristea, Ștefan Trăușan-Matu, Alexandru Gartner (2007), „Towards an evaluation methodology for Collaborative Learning”, **Proceedings of CSCS16**, Bucharest, pp.161-168, 2007
48. Ștefan Trăușan-Matu, Kostas Karatzas, Costin Chiru (2007), „Environmental Information Perception, Analysis and Communication with the Aid of Natural Language Processing”, **Proceedings of the 21st International Conference on Informatics for Environmental Protection Environmental Informatics and Systems Research**, 2007
49. Vlad Posea, Ștefan Trăușan-Matu, Valentin Cristea (2007), „Online Evaluation of Collaborative Learning Platforms”, **Proceedings of 1st International Workshop on Collaborative Open Environments for Project-Centered Learning (COOPER-2007)**, CEUR workshop proceedings, vol. 309, Sissi, Lassithi - Crete Greece, September 2007, pp. 66-75, ISSN 1613-0073
50. Ștefan Trăușan -Matu, Florin Caragiu, Adrian Lemeni (2007), „Language in Mathematics, Science, and Artificial Intelligence vs. Language in Theology”, **International congress Transdisciplinary Approaches of the Dialogue Between Science, Art and Religion in the Europe of Tomorrow**, Sibiu, Romania.
51. Ștefan Trăușan-Matu, Anca Neacșu (2007), „An Ontology-Based Intelligent Information System for Urbanism and Civil Engineering Data”, **Proceedings of Second Townology Workshop Ontologies for Urban Development: Conceptual Models for Practitioners**, Torino, 2007, pp. 75-82
52. Ștefan Trăușan-Matu, Traian Rebedea, Gerry Stahl (2007), „Polyphonic Inter-Animation of Voices in Chats”, **CSCS 2007 Workshop on Chat Analysis in Virtual Math Teams**
53. C. Niculescu, (2007). „Crearea lanțurilor generatoare de valoare pentru proiectarea portalurilor”, in **Interacțiune om-calculator 2007, Proceedings of**

the Forth Conference of Human-Computer Interaction – RoCHI 2007,
Constanța, September 20-21, 2007, Editors: D.M. Popovici, A.M. Marhan,
Matrix ROM Publishing House Bucharest, ISSN 1843-4460, p. 51-54.

2006

Cărți

1. Ioniță, A., Niculescu, C., Lepadatu, C., G. Dumitrescu (Eds.), 2006. *“Proceedings of the Workshop IST-Multidisciplinary Approaches”*, June 27, 2006, București, Romania, ISBN-10 973-0-04483-X, ISBN-13 978-973-0-04483-6, 88p.
2. Ioniță, A., Niculescu, C., F. Filip, C. Lepadatu, G. Dumitrescu (Eds.), 2006. *“Proceedings of the Workshop Intelligent Embedded Systems”*, 2006, București, Romania, ISBN-10 973-0-04508-9 ISBN-13 978-973-0-04508-6, 109p.

Capitole de carte

1. Dan Tufiș, (2006), *“Ontology-Based Word Sense Disambiguation in Parallel Corpora”*, în **M. Slavceva, G. Angelova, K. Simov (eds.) Readings in Multilinguality. Selected Papers**, ISBN – 10: 954-91743-6-0, ISBN – 13: 978:954-91743-6-6, pp.134-141
2. Dan Tufiș, Verginica Barbu Mititelu, Alexandru Ceașu, Luigi Bozianu, Cătălin Mihăilă, Margareta Manu Magda, (2006), *“Noi dezvoltări ale wordnet-ului românesc”*, în **Corina Forăscu, Dan Tufiș, Dan Cristea (eds.): Resurse lingvistice și instrumente de prelucrare a limbii române. Editura Universității “A.I. Cuza”**, Iași, 2006.
3. Dan Ștefănescu, Dan Tufiș, Elena Irimia, (2006), *“Identificarea și extragerea automată a colocațiilor din texte”*, în **Corina Forăscu, Dan Tufiș, Dan Cristea (eds.) (2006), “Resurse lingvistice și instrumente de prelucrare a limbii române”, Editura Universității “A.I. Cuza”**, Iași, 2006.
4. Dan Tufiș, Elena Irimia, (2006), *„Tehnici de validare și corecție focalizată a adnotării morfo-sintactice în corpusuri de mari dimensiuni”*, în **Corina Forăscu, Dan Tufiș, Dan Cristea (eds.) (2006), “Resurse lingvistice și instrumente de prelucrare a limbii române”, Editura Universității “A.I. Cuza”**, Iași, 2006.

5. Ștefan Trăușan-Matu (2006), „*Metaphor processing in text understanding on the web. A hermeneutic approach*” in ***Computing and Philosophy, Associated International Academic Publishers, Pavia, Italy***, 2006, pp. 81-93
6. Angela Ioniță, M. Foca, M. Ienculescu-Popovici (2006), „*GIS and Business Processes*” in ***Geographic Information System – An Introduction, First Edition 2007, ICAI Books, ICAI University Press, India***, pp.25-37, ISBN 81-314-0725-X

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Dan Tufiș, (2006), “*Word Senses: The Stepping Stones in Semantic-Based Natural Language Processing*”, în ***Maglogianis, I., Karpouzis, K., Bramer, M. (eds). (2006), “Artificial Intelligence Applications and Innovations”, Volume 204. Boston, Springer, 2006***, pp. 575-582, ISBN 0-387-34223-0, (*ISI Publication, Impact Factor: 0.303*)
2. Tufiș D, (2006), “*Robust statistical translation models: The case for word alignment*”, în ***INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 1*** Pages: 55-56 Supplement: Suppl. S Published: 2006, (*ISI Publication, impact factor: 0.373*)
3. Dan Tufiș (2006), „*Word Senses: The Stepping Stones in Semantic-Based Natural Language Processing*” in ***IFIP International Federations for Information Processing***, Volume 204, Artificial Intelligence Applications and Innovations, Boston, Springer, June 2006, pp. 575-582, ISBN 978-0-387-34223-8 (*Impact factor: 0.302*) (*ISI Publication, impact factor: 0.513*)
4. Radu Ion, Verginica Barbu Mititelu (2006), „*Constrained lexical attraction models*” in ***Proceedings of the Nineteenth International Florida Artificial Intelligence Research Society Conference***, pp. 297–302, Menlo Park, Calif., USA, 2006. AAAI Press, ISBN 0004-3702 () (*ISI Publication, impact factor: 2.638*)
5. Dan Tufiș, Radu Ion, Alexandru Ceaușu, Dan Ștefănescu (2006), „*Improved Lexical Alignment by Combining Multiple Reified Alignments*” in ***Proceedings of the 11th Conference of the European Chapter of the Association for Computational Linguistics (EACL2006)***, Trento, Italy, 3-7 April, 2006, pp. 153-160, ISBN 1-9324-32-61-2 (*ISI Publication, impact factor: 0.393*)
6. Cristina Boicu, Gheorghe Tecuci, Mihai Boicu (2006), „*Lazy Rule Refinement by Knowledge-Based Agents*” in ***Proceedings of the Fifth International IEEE Conference on Machine Learning and Applications (ICMLA-2006)***, 7 pg, December 14-16, 2006, Orlando, USA, ISBN 978-0-7695-2735-2 (*ISI Publication, impact factor: 1.935*)
7. Bogdan Badea, Adriana Vlad (2006), „*Revealing statistical independence of two experimental data sets. An improvement on Spearman’s algorithm*” in ***Computational Science and its Applications -ICCSA2006***, Glasgow, May 8-11,

- LNCS 3980, Springer - Verlag Berlin Heidelberg, pp. 1166-1176, ISBN: 0302-9743 (*ISI Publication, impact factor: 0.513*)
8. Mihai Mitrea, Sorin Duță, Françoise Prêteux, Adriana Vlad (2006), „Data payload optimality: a key issue for video watermarking applications” in *Proceeding of SPIE*, vol. 6315, 2006, pp. 631509 (1-11), ISBN 0277-786X (*ISI Publication*)
 9. Adriana Vlad, A. Mitrea, M. Mitrea (2006), „Letter statistical structure in printed Romanian language when orthography and punctuation marks are included” in *Proc. 6th IEEE Communications International Conference*, June 2006, Bucharest, pp. 127-130, ISBN973-718-479-3 (*ISI Publication*)
 10. M. Mitrea, S. Duță, Françoise Prêteux, Adriana Vlad (2006), „Video content distribution: modelling the watermarking attacks as noise sources” in *Proc. 6th IEEE Communications International Conference*, June 2006, Bucharest, pp. 165-168, ISBN 973-718-479-3 (*ISI Publication*)
 11. Stefan Trausan-Matu, Gerry Stahl, Johann Sarmiento (2006), „Polyphonic Support for Collaborative Learning CRIWG 2006, Lecture Notes in Computer Science 4154, pp. 132 – 139, Springer-Verlag, Berlin, Heidelberg, New York, ISBN 0302 9743 (factor de impact 0.402) (*ISI Publication, Impact Factor: 0.513*)

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Dan Tufiș (2006), „From Word Alignment to Word Senses, via Multilingual Wordnets” in *Computer Science Journal of Moldova*, Vol. 14, No. 1 (40), 2006, pp. 3-33, ISBN 1561-4042
2. Georgiana Puscașu, Adrian Iftene, Ionut Pistol, Diana Bălașa, Dan Tufiș, Alin Ceaușu, Dan Ștefănescu, Constantin Orășan, Iustin Dornescu, Radu Ion, Dan Cristea (2006), „Developing a Question Answering System for the Romanian-English Track at CLEF 2006” in *Proceedings of CLEF2006*, Alicante, Spain, 20-22 Sept. 2006, 11 p, online
3. Dan Tufiș (2006), „Ontology-Based Word Sense Disambiguation in Parallel Corpora in *Readings in Multilinguality. Selected Papers*, INCOMA Ltd., Shoumen, Bulgaria. December 2006, pp.134-141, ISBN 978:954-91743-6-6
4. Angela Ioniță, M. Foca, M. Ienculescu-Popovici (2006), „GIS in Business Processes” in *GIS Development Weekly, vol.2 issue 3*, 16th January, online
5. Angela Ioniță (2006), „Developing an Enterprise GIS” in *Map Middle East, March – April, 2006, Vol. 2 Issue 2*, pp. 32-36
6. Angela Ioniță, Jeff Thurston, Martha Nagy, Vladimir Tikunov, Felicia Akinyemi, Marek Baranovschi, Horst Kremers (2006), „Cartography at the Enterprise Level: Sustainable Development in the Future”, *International Cartographic Association, December 2006, GeoConnexion, Volume 4 , issue 5*, pp. 15-16, ISBN 1476-8941

7. Ștefan Trăușan-Matu (2006), „Modelarea conceptuală și noile caracteristici culturale în societatea cunoașterii” în **Modele culturale ale societății cunoașterii din perspectiva culturii tehnice**, Ed. **Politehnica Press**, pp. 21-33, 2006
8. Dan Tufiș, Verginica Barbu Mititelu, Luigi Bozianu, Cătălin Mihăilă (2006), „Romanian WordNet: New Developments and Applications” in **Proceedings of the 3rd Conference of the Global WordNet Association**, Seogwipo, Jeju, Republic of Korea, January 22-26, 2006, pp. 337-344, ISBN 80-210-3915-9
9. Dan Tufiș (2006), „Cross-lingual and cross-corpora knowledge induction”, **Cross-Language Knowledge Induction Workshop, European Conference for Computational Linguistics (EACL 2006)**, Trento, Italy, April.
10. Felix Pîrvan, Dan Tufiș (2006), „Tagsets Mapping and Statistical Training Data Cleaning-up” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 385-390, ISBN 2-9517408-2-4
11. Dan Tufiș, Elena Irimia (2006), „RoCo_News - A Hand Validated Journalistic Corpus of Romanian” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 869-872, ISBN 2-9517408-2-4
12. Dan Ștefănescu, Dan Tufiș (2006), „Aligning multilingual thesauri” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 475-478, ISBN 2-9517408-2-4
13. Ralf Steinberger, Bruno Pouliquen, Anna Widiger, Camelia Ignat, Tomaž Erjavec, Dan Tufiș (2006), „The JRC-Acquis: A multilingual aligned parallel corpus with 20+ languages” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 2142-2147, ISBN 2-9517408-2-4
14. Alexandru Ceaușu, Dan Ștefănescu, Dan Tufiș (2006), „Acquis Communautaire sentence alignment using Support Vector Machine” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 2134-2137, ISBN 2-9517408-2-4
15. Radu Ion, Alexandru Ceaușu, Dan Tufiș (2006), „Dependency-Based Phrase Alignment” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 1290-1293, ISBN 2-9517408-2-4
16. Ana-Maria Barbu, Emil Ionescu, Verginica Barbu Mititelu (2006), „Romanian Valence Dictionary in XML Format” in **Proceedings of the 5th LREC Conference**, Genoa, Italy, 22-28 May, 2006, pp. 2467-2470, ISBN 2-9517408-2-4
17. Dan Tufiș (2006), „Cross-Lingual Knowledge Induction from Parallel Corpora” in **Proceedings of the Fifth International Conference Formal Approaches to South Slavic and Balkan Languages**, 18-20 October, Sofia, Bulgaria, 2006, pp 15-18
18. Radu Ion, Alexandru Ceausu (2006), „Character and Word Prediction for Mobile Devices” in **Proceedings of the Fifth International Conference of Formal Approaches to South Slavic and Balkan Languages**, 18-20 October, 2006, Sofia, Bulgaria, pp. 190-193
19. Verginica Barbu Mititelu (2006), „Mining a Semantically Non-disambiguated Corpus for Hyponymy Relations” in **Proceedings of the Fifth International Conference Formal Approaches to South Slavic and Balkan Languages**, 18-20 October, 2006, Sofia, Bulgaria, p. 23-26

20. Dan Tufiș, Radu Ion, Elena Irimia, Verginica Barbu Mititelu, Alexandru Ceaușu, Dan Ștefănescu, Luigi Bozianu, Cătălin Mihăilă (2006), „*Resources, Tools and Algorithms for the Semantic Web*” in ***Proceedings of the IST – Multidisciplinary approaches Workshop, Romanian Academy***, 2006, pp. 13-22, ISBN 978-973-0-04483-6
21. Alexandru Ceaușu, Dan Tufiș, Dan Ștefănescu (2006), „*Sentence and Word Alignment Using Support Vector Machines*” in ***Proceedings of the IST – Multidisciplinary approaches Workshop, Romanian Academy***, 2006, pp. 69-78, ISBN 978-973-0-04483-6
22. Christopher Fowler, David Cammons, Cindy Ayers, Gheorghe Tecuci, Mihai Boicu, Vu Le, Dorin Marcu, Cristina Boicu, Marcel Barbulescu (2006), „*Cognitive Assistants for the Analysts: Experiments in the Classroom*” in ***Proceedings of the Homeland Security for the 21st Century Conference***, 4 pg, Mystic, Connecticut, July 24-26, 2006
23. Gheorghe Tecuci, Mihai Boicu, Cindy Ayers (2006), „*Cognitive Assistants for the Analysts Analyzing Future National Security Challenge*”, ***Proteus Futures Academic Workshop, CD Proceedings***, 22-24 August 2006, Carlisle, PA.
24. Verginica Barbu Mititelu (2006), „*Automatic Extraction of Patterns Displaying Hyponym-Hypernym Co-Occurrence from Corpora*”, ***First Central European Student Conference in Linguistics CESCL 2006***, Research Institute for Linguistics Budapest, May 29-31, 2006
25. Radu Ion (2006), „*Word Sense Disambiguation with Lexical Attraction Models*”, ***First Central European Student Conference in Linguistics CESCL 2006***, Research Institute for Linguistics Budapest, May 29-31, 2006
26. Alexandru Ceaușu (2006), „*Tiered Tagging in a Maximum Entropy Framework*”, ***First Central European Student Conference in Linguistics CESCL 2006***, Research Institute for Linguistics Budapest, May 29-31, 2006
27. Alexandru Ceaușu (2006), „*Maximum Entropy Tiered Tagging*” in ***Proceedings of the Eleventh ESSLLI Student Session***, ESSLLI 2006, pp. 173-179
28. Alexandru Ceaușu, Radu Ion (2006), „*Intelligent text prediction for limited input devices*” in ***Proceedings of International Workshop Intelligent Embedded Systems***, July 2006, ISBN: 973-0-04508-9
29. Angela Ioniță, Bichir, M., Nedelcu, I., Chendeș, V., Crăciunescu, V., Gancz, Vl., Andrei, S. (2006), „*Strengths and Weaknesses in Geospatial Data Infrastructure*” in ***12th EC GIS Workshop, ESDI: From Inspiration to Implementation***, 21-23 June 2006, Austria, Innsbruck
30. Angela Ioniță (2006), „*Trends in Professional Learning in the Framework of Knowledge Society*” in ***Proceedings of the 1st International Conference on Virtual Learning***, University Bucharest, October 27-29, 2006, pp. 29-36, ISBN: 973737218-2
31. Angela Ioniță (2006), „*Geospatial Technologies and Intelligent Embedded Systems*” in ***Proceedings of International Workshop Intelligent Embedded Systems***, July 2006, pp. 82-87, ISBN: 973-0-04508-9
32. Angela Ioniță, Nedelcu, I., Andrei, S., Chendes, V., Crăciunescu, V., Bichir, M., Gancz, Vl. (2006), „*Some positive and critical aspects regarding the Geospatial*

- Data Infrastructure in Romania*” in ***Proceedings of Workshop IST – Multidisciplinary Approaches***, 27 June 2006, pp. 33-42, ISBN 973-0-04483-X
33. Angela Ioniță (2006), „*About GeoWeb Services and standardization*” in ***Proceedings of the International Symposium Intelligent and Interactive Systems to Manage the Public Administration’s Relation with Citizens and Business Environment***, November 29, 2006, ASE Publishing House, pp. 70-88, ISBN 973-594-872-9
 34. Ioniță, A., (2006), “*Web Services in Intelligent Systems for Public Administration*”, in ***Proceedings of the International Symposium Intelligent and Interactive Systems to Manage the Public Administration’s Relation with Citizens and Business Environment***, November 29, 2006, ASE Publishing House, ISBN 973-594-872-9 978-973-594-872-6, pp. 84-100.
 35. Ioniță, A.,(2006), “*About GeoWeb Services and standardization*”, in ***Proceedings of the International Symposium Intelligent and Interactive Systems to Manage the Public Administration’s Relation with Citizens and Business Environment, November 29, 2006, ASE Publishing House***, ISBN 973-594-872-9 978-973-594-872-6, pp. 70-88
 36. Angela Ioniță, Florescu, G., Nedelcu, I. (2006), „*Country Report: Romania Preparing the National INSPIRE Days*”, ***International Workshop***, 14-15th September 2006 in Ispra, Italy
 37. Ionita, A., (2006), “*Enterprise GIS*”, in ***GIS DEVELOPMENT Map Middle East***, March-April 2006 Vol. 2 Issue 2, pg. 32 – 36, (http://www.mapmiddleeast.org/magazine/2006/mar-apr/32_3.htm),
 38. Ionita, A., Foca, M., Ienculescu-Popovici, M. (2006), « *GIS in Business Process*”, in ***GIS Development Weekly published on 16th January 2006*** (http://www.gisdevelopment.net/application/business/business_2.htm)
 39. Cristina Niculescu, Mihaela Brut (2006), „*E-commerce Technology Nowadays in Romania*”, ***International Symposium Remote Engineering Virtual Instrumentation 2006 (REV2006)***, July 28-29, 2006, Maribor Slovenia
 40. Cristina Niculescu (2006), „*Challenges of Knowledge and Learning Management in the Business Context*” in ***Proceedings of the Workshop IST-Multidisciplinary Approaches***, June 27, 2006, Bucharest, Romania, pp. 45-52, ISBN 973-0-04483-X
 41. Cristina Niculescu (2006), „*Interactivity and Synergy among Knowledge Management, e-Learning and Performance Management in Virtual Organizations*” in ***Current Approaches in Intellectual Capital Evaluation, Vol. I of the Proceedings of the International Conference Knowledge Management – Projects, Systems and Technologies***, November 9-10, 2006, ASE, Bucharest, Romania, ©INFOREC Printing House 2006, pp. 235-239, ISSN 1453-1305
 42. Cristina Niculescu (2006), „*Learning and Knowledge Management In The Business Context*” in ***Proceedings of the International Symposium Intelligent and Interactive Systems to Manage the Public Administration’s Relation with Citizens and Business Environment***, November 29, 2006, ASE Publishing House, pp. 297-313, ISBN 973-594-872-9
 43. Cristina Niculescu (2006), „*Actual Approaches in Designing Knowledge Organisations’ Infrastructures*” in ***Proceedings of the International Symposium***

- Intelligent and Interactive Systems to Manage the Public Administration's Relation with Citizens and Business Environment*, November 29, 2006, ASE Publishing House, pp. 148-170, ISBN 973-594-872-9
44. Cristina Niculescu (2006), „*Knowledge Work Management – a New Work Paradigm in Public Services Re-engineering*” in *Proceedings of the International Symposium Intelligent Public Services for EU Citizens in modern Society Based on ICT*, November 30, 2006, ASE Publishing House, pp. 306-317, ISBN 973-594-872-9
45. Cristina Niculescu (2006), „*General Architecture of Knowledge Management Socio-technological System Integration in Business Process Framework*” in *Proceedings of the International Symposium Intelligent Public Services for EU Citizens in modern Society Based on ICT*, November 30, 2006, ASE Publishing House, pp. 354-371, ISBN 973-594-872-9
46. Cristina Niculescu (2006), „*The Role of Knowledge Management Systems in Virtual Organisations*”, *International Symposium Intelligent and Interactive Systems to Manage the Public Administration's Relation with Citizens and Business Environment*, November 29, 2006, ASE Publishing House, p. 44-45
47. C. Niculescu, (2006), “*Abordări actuale în proiectarea infrastructurilor de cunoștințe a organizațiilor bazate pe cunoaștere*”, in *Proceedings of the International Symposium Intelligent and Interactive Systems to Manage the Public Administration's Relation with Citizens and Business Environment*, November 29, 2006, ASE Publishing House, ISBN 973-594-872-9 978-973-594-872-6, p. 148-170.
48. C. Niculescu, (2006), “*Proiectarea unei platforme web dedicată centrelor de competență virtuale*”, in *Interacțiune Om-Calculator 2006, Proceedings of the Third Conference of Human-Computer Interaction – RoCHI 2006*, Academy of Economic Studies Bucharest, September 21-22, 2006, Editors: Apostol Constantin-Gelu, Dorian Gorgan, ©INFOREC Publishing House 2006, ISSN 1453-1305, p.87-94.
49. C. Niculescu, (2006), “*Proiectarea unei platforme web dedicată centrelor de competență virtuale*”, in *Romanian Journal of Informatics and Control*, vol.16, no.1, 2006, Ed. ICI, ISSN 1220-1758, p.77-94.
50. Adriana Vlad, A. Luca, B. Badea (2006), „*Upon statistical independence of two random variables sampled from the logistic map*” in *Proc. of the Workshop IST – Multidisciplinary Approaches*, organized by Research Institute for Artificial Intelligence and Romanian Academy , June 27, 2006, Bucharest, pp. 79-86, ISBN 10 973-0-04483-X
51. M. Mitrea, Françoise Prêteux, Adriana Vlad, S. Duță (2006), „*A statistical investigation on watermarking attacks*”, *Intl. Conference ROMOPTO 2006*, July, 28-31, 2006, Sibiu
52. Stefan Trausan-Matu, Dan Mihaila, Adrian Popescu, Valentin Cristea (2006), „*Personalized sequencing an a knowledge-based e-learning environment*” in *Proceedings of the 4th Information Systems and Operations Management Workshop*, ISBN 973-7643-75-5, Bucharest, Romania, 2006, pp. 434-443
53. Vlad Posea, Dan Mihaila, Stefan Trausan-Matu, Valentin Cristea, Alexandru Gartner (2006), „*Logs-based Evaluation of Virtual Learning Environments*” in

- Proceedings of the Workshop IST – Multidisciplinary approaches*, ISBN-10973-0-04483-X, ISBN-13978-973-0-04483-6, Bucharest, 2006, pp. 53-58
54. Ruxandra Bantea, Diana Petrescu, Stefan Trausan-Matu (2006), „*Natural Language Querying in the Knowledge-Based EUNCIT Portal*” in *Proceedings of the 5th RoEduNet IEEE International Conference*, ISBN (10) 973-739-277-9, ISBN (13) 978-973-739-277-9, Sibiu, Romania, 2006, pp. 87-92
55. Ruxandra Bantea, Vlad Posea, Stefan Trausan-Matu (2006), „Intelligent Support for Joint Project Proposals Using a Semantic-Web Knowledge Base” in *Proceedings of the 5th RoEduNet IEEE International Conference*, Sibiu, Romania, 2006, pp. 234-238
56. Vlad Posea, Dan Mihaila, Stefan Trausan-Matu, Valentin Cristea, Alexandru Gartner (2006), „*Evaluation of Virtual Learning Environments Using Logs and Social Networks*” in *1st International Workshop on Building Technology Enhanced Learning solutions for Communities of Practice (TEL-CoPs'06)*, Crete, Greece, Sept. 2006
57. Stefan Trausan-Matu (2006), „*A Critic of Artificial Intelligence from Bakhtin's Dialogistic Perspective*” in *Proceedings of the European Conference on Computing and Philosophy, ECAP-06*, Trondheim, Norway, June, 2006, 4 pag.
58. V. Popescu, Corneliu Burileanu, M. Rafailă, R. Călimănescu (2006), „*Parallel Training Algorithms for Continuous Speech Recognition Implemented in a Message Passing Framework*” in *Proceedings of the 14th European Signal Processing Conference, “EUSIPCO 2006”*, Florence, Italy, September 4-8, 2006
59. Dragos Burileanu, C. Negrescu (2006), „*Prosody Modeling For An Embedded TTS System Implementation*” in *Proceedings of the 14th European Signal Processing Conference, “EUSIPCO 2006”*, Florence, Italy, September 4-8, 2006

2005

Cărți

1. David W. Aha, Gheorghe Tecuci (eds.)(2005), “*Proceedings of the AAAI-2005 Fall Symposium on Mixed-Initiative Intelligent Systems*”, November 4-6, 2005, Arlington, Virginia, AAAI Press, ISBN 0004-3702 (*ISI publication, Impact factor: 2.638*)
2. C. Niculescu, A. Ioniță (Eds.) (2005), “*Organisational Learning and Knowledge Work Management*”, *Proceedings of the International Symposium OL-KWM 2005*, October 13, 2005, București, Romania, Editura CIDE, 2005, ISBN 973-618-058-1, 112 p.

3. C. Burileanu (Ed.), (2005), **“Trends in Speech Technology”**, **Publishing House of the Romanian Academy**, Bucharest, 2005, ISBN 973-27-1178-7
4. V. Cristea, Gh. Iosif, A. Marhan, C. Niculescu, St. Trausan-Matu, O. Udrea (2005), **“Sisteme inteligente de instruire pe Web”**, **Ed. Politehnica Press**, București 2005, ISBN: 973-8449-85-5, 206p.

Capitole de carte

1. Dan Tufiș, Radu Ion, (2005), **“Multiple Sense Inventories and Test-Bed Corpora”**, în **Corneliu Burileanu (ed) Trends in Speech Technology, Editura Academiei, 2005**, pp. 49-58, ISBN973-27-1178-7
2. Dan Tufiș (2005), **“Romanian Lexicography”** in **Encyclopedia of Language and Linguistics, 14 vol., 2nd Edition, Elsevier Science**, November 2005, ISBN 0-08-044299-4
3. E. Oancea, D. Munteanu, C. Burileanu, **“Continuous Speech Recognition System Improvements”**, in **“Trends in Speech Technology”** (C. Burileanu – Ed.), **Publishing House of the Romanian Academy**, Bucharest, pp. 81-91, 2005, ISBN 973-27-1178-7.
4. V. Popescu, C. Burileanu, (2005), **“Parallel Implementation of Acoustic Training Procedures for Continuous Speech Recognition”**, in **“Trends in Speech Technology”** (C. Burileanu – Ed.), **Publishing House of the Romanian Academy**, Bucharest, pp. 119-136, 2005, ISBN 973-27-1178-7.
5. A. Dervis, D. Burileanu, (2005), **“A Fast Speaker Change Detection Method for Audio Data Processing”**, in **“Trends in Speech Technology”** (C. Burileanu – Ed.), **Publishing House of the Romanian Academy**, Bucharest, pp. 145-152, 2005, ISBN 973-27-1178-7.

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Gheorghe Tecuci, Mihai Boicu, Cristina Boicu, Dorin Marcu, Stănescu B., Marcel Bărbulescu (2005), **“The Disciple-RKF Learning and Reasoning Agent”** in **Computational Intelligence**, Volume 21, Number 4, November 2005, pp 462-479, ISBN 0824-7935 (**ISI Publication, Impact factor: 0.532**)
2. Traian Bălan, Eduard Franți, T. Alexa, Dan Tufiș, Gheorghe Ștefan, N. Claudia, Petru Lucian Milea, C. Slav, R. Demco (2005), **“Artificial muscle for locomotory prosthesis”** in **Proceedings of International Semiconductor Conference, CAS 2005**, October 2005, vol.1, pp. 215- 218, IEEE Catalog Number 05TH8818, ISBN 0-7803-9214-0 (**ISI Publication**)

3. Eduard Franți, Dan Tufiș, Sergiu Goschin, Monica Dascălu, Petru Lucian Milea, Gheorghe Ștefan, Traian Bălan, C. Slav, R. Demco (2005), “*Virtual environment for robots interfaces design and testing*” in **Proceedings of International Semiconductor Conference**, CAS 2005, October 2005, vol.2, pp. 463-466, IEEE Catalog Number 05TH8818, ISBN 0-7803-9214-0 (**ISI Publication**)
4. Cristina Boicu, Gheorghe Tecuci, Mihai Boicu (2005), “*A Mixed-Initiative Approach to Rule Refinement for Knowledge-Based Agents*” in **Proceedings of the AAAI-05 Fall Symposium on Mixed-Initiative Problem-Solving Assistants**, Arlington, Virginia, November 4-6, 2005, Arlington, Virginia, AAAI Press, ISBN 0004-3702 (factor de impact 2.638) (**ISI Publication**)
5. Mihai Boicu, Gheorghe Tecuci, Dorin Marcu (2005), “*Mixed-Initiative Assistant for Modeling Expert’s Reasoning*” in **Proceedings of the AAAI-05 Fall Symposium on Mixed-Initiative Problem-Solving Assistants**, Arlington, Virginia, November 4-6, 2005, Arlington, Virginia, AAAI Press, ISBN 0004-3702 (**ISI Publication, Impact factor: 2.638**)
6. M. Mitrea, Françoise Prêteux, Adriana Vlad (2005), “*Spread spectrum colour video watermarking in the DCT domain*” in **JOAM**, Vol. 7, No. 2, (2005), pp. 1065-1072, ISBN 1454 – 4164 (**ISI Publication, Impact factor: 1.106**)
7. Adrian Luca, Adriana Vlad (2005), “*Generating Identically and Independently Distributed Samples Starting from Chaotic Signals*” in **Proceeding of International Symposium on Signal, Circuits & Systems – ISSCS 2005**, Iasi, July 2005, pp. 227-230, ISBN 0-7803-9029-6 (**ISI Publication**)
8. Bogdan Badea, Adriana Vlad (2005), “*Testing the Statistical Independence of Continuous Random Variables. A New Robust Algorithm*” in **Proceeding of International Symposium on Signal, Circuits & Systems – ISSCS 2005**, Iasi, July 2005, pp. 171-174, ISBN 0-7803-9029-6(**ISI Publication**)
9. Angela Ioniță (2005), “*Geographical Information Systems as Smart Tools for Business*” in **Intelligence Economy Informatics** no. 1/2005, pp. 5 -8, ISBN 1582-7941 (**Cotație Clasa B+ cf. CNCSIS**)

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Dan Tufiș, Radu Ion (2005), “*Multiple Sense Inventories and Test-Bed Corpora*” in **Trends in Speech Technology**, Editura Academiei, 2005, pp. 49-58, ISBN 973-27-1178-7
2. Mihai Boicu, Gheorghe Tecuci (2005), “*Learning Best Concept Approximations from Examples*” in **International Journal of Computational Intelligence Research (IJ CIR)**, Inaugural Issue (Vol.1), 2005, 12p., ISSN 0973-1873
3. Verginica Barbu Mititelu (2005), “*M. Lynne Murphy (2003) Semantic Relations and the Lexicon: Antonymy, Synonymy and other Paradigms*” in **Revue Roumaine de Linguistique, tome XLIX**, no. 1-4, p. 135-136

4. G.G.Constandache, St. Trausan-Matu (2005), “Fundamentele filosofice și computaționale în analiza dialogului și a discursului la colaborarea pe web” în *Noema*, vol. IV, nr.1, pp. 114-131, 2005.
5. Dan Tufiș, Radu Ion, Alexandru Ceaușu, Dan Ștefănescu (2005), “Combined Aligners” in *Proceeding of the ACL2005 Workshop on “Building and Using Parallel Corpora: Data-driven Machine Translation and Beyond”*, June, 2005, Ann Arbor, Michigan, June, Association for Computational Linguistics, pp. 107-110
6. Dan Tufiș, Radu Ion (2005), “Evaluating the word sense disambiguation accuracy with three different sense inventories” in *Proceedings of the Natural Language Understanding and Cognitive Systems Symposium*, Miami, Florida, May 2005, pp. 118-127, ISBN 972-8865-23-6
7. Nancy Ide, Dan Tufiș (2005), “Word Senses and Cross-lingual Word Sense Disambiguation”, Tutorial at *Euroalan’2005 International Summer School*, Cluj-Napoca, România, 24 July - 5 August
8. Dan Tufiș, Radu Ion, Verginica Barbu Mititelu (2005), “Word sense disambiguation and annotation transfer in parallel texts”, *JRC Enlargement and Integration Workshop: Exploiting parallel corpora in up to 20 languages*, Arona, Italy, 26-27 September, 2005
9. Dan Tufiș, Alexandru Ceaușu, Radu Ion, Dan Ștefănescu (2005), “An integrated platform for high-accuracy word alignment”, *JRC Enlargement and Integration Workshop: Exploiting parallel corpora in up to 20 languages*, Arona, Italy, 26-27 September, 2005
10. Gheorghe Tecuci, Mihai Boicu, C. Ayers, D. Cammons (2005), “Personal Cognitive Assistants for Military Intelligence Analysis: Mixed-Initiative Learning, Tutoring, and Problem Solving” in *Proceedings of the First International Conference on Intelligence Analysis*, McLean, VA, 2-6 May, 2005
11. Angela Ioniță, Foca, M., Vișan, M, Ienculescu-Popovici, M. (2005), “A point of view regarding Spatial Data Infrastructures: Trends and Controversies” in *Proceedings. of the 4th International Symposium on Digital Earth*, Tokyo, Japan, March 28-31, 2005
12. Angela Ioniță (2005), “Organizational Learning – A Sustainable Competitive Advatage” in *Organizational Learning and Knowledge Work Management, Proceedings of the International Symposium OL-KWM 2005*, Centre for Economic Information and Document, ISBN: 973-618-058-1, pp. 29-42
13. Angela Ioniță, Grosu, D. (2005), “ Knowledge Society Organizational Foresight Organizational Learning and Knowledge Work Management” in *Proceedings of the International Symposium OL-KWM 2005*, Centre for Economic Information and Document, ISBN: 973-618-058-1, pp. 100-109
14. Ionita, A., (2005), “About data mining term”, in *Revista Română de Informatică și Automatică (RRIA)*, no. 2/2005, ISSN: 1220 – 1758, pg. 29- 38
15. Ionita, A., (2005), “Geographical Information Systems as Smart Tools for Business Intelligence”, în *Proceedings of The 6th International Conference on Informatics in Economy – Information and Knowledge Age*, ASE, București, 19-21 May, 2005, *ECONOMY INFORMATICS nr. 1-4*, 2005, pp 5 – 9.

16. Verginica Barbu Mititelu (2005), “A cross-lingual perspective on semantic relations (synonymy, antonymy, hyponymy)” in ***Proceedings of the 9th Doctoral Meeting in Linguistics*** Paris, October 17-18, 2005
17. Eduard Barbu, Verginica Barbu Mititelu (2005), “A Case Study in Automatic Building of Wordnets” in ***Proceedings of OntoLex 2005 – Ontologies and Lexical Resources***, October 15, 2005 Jeju Island, South Korea
18. Eduard Barbu, Verginica Barbu Mititelu (2005), “Automatic Building of Wordnets” in ***Proceedings of the international conference Recent Advances in Natural Language Processing***, Borovets, Bulgaria, 99-106, ISBN 954-91743-3-6, 2005
19. Verginica Barbu Mititelu, Radu Ion (2005), “Automatic Import of Verbal Syntactic Relations Using Parallel Corpora” in ***Proceedings of the international conference Recent Advances in Natural Language Processing***, Borovets, Bulgaria, 329.333, ISBN 954-91743-3-6, 2005
20. Verginica Barbu Mititelu, Radu Ion (2005), “Cross-Language Transfer of Syntactic Relations Using Parallel Corpora” in ***Proceedings of the Workshop on Cross-Language Knowledge Induction***, Cluj-Napoca, iulie 2005, pp. 46-51
21. Radu Ion, Verginica Barbu Mititelu (2005), “Towards ROMANCE FrameNet. The Translation Task”, ***International workshop ROMANCE FrameNet***, 26-28 iulie 2005, Eurolan Summer School, Cluj-Napoca, Romania
22. Verginica Barbu Mititelu, Radu Ion (2005), “Cross-language Transfer of Syntactic Relations”, Tutorial at ***RoCoLi 2005 Summer School in Computational Linguistics***, Sinaia, Romania, 4-17 September, 2005
23. Cristina Niculescu (2005), “Knowledge Sharing Platform dedicated to the Research Communities” in ***Organizational Learning and Knowledge Work Management, Proceedings of the International Symposium OL-KWM 2005***, Centre for Economic Information and Document, ISBN: 973-618-058-1, pp. 78-87
24. Cristina Niculescu (2005), “Scientific Collaboration Portal Architecture” in ***Proceedings of the Seventh International Conference of Informatics in Economy***, 19-20 May 2005, Bucharest, Romania, © INFOREC Publishing House, ISBN 973-8360-014-8, p.809-814
25. Cristina Niculescu (2005), “Architecture of a Knowledge Management System dedicated to the Research Communities” in ***Proceedings of the International Symposium Remote Engineering Virtual Instrumentation 2005 (REV2005)***, ISBN 3-89958-137-7, 29 June - 1 July 2005, Brasov, Romania
26. Cristina Niculescu (2005), “UniSMART – A Solution for e-Learning Content Management” in ***Proceedings of the 15th International Conference on Control Systems and Computer Science (CSCS15)***, 25-27 May 2005, Bucharest, Romania
27. Cristina Niculescu (2005), “Research Communities’ Knowledge Sharing Platform Modular Architecture”, ***Joint Workshop “Industry meets research” with focus on middle and eastern Europe***, organized by FHG IAO Stuttgart, Germany & FH Kärnten Villach, Austria, September 28, 2005
28. C. Niculescu, (2005), “Research Communities’ Knowledge Sharing Platform Modular Architecture”, ***CD Proceedings from the ICL2005 Workshop “Industry***

- meets research*”, Editors: A. Karapidis&T. Becker FHG IAO Stuttgart, Germany at Villach, Austria, September 28, 2005, ISBN-10: 3-8167-7250-1, ISBN-13: 978-3-8167-7250-7.
29. C. Niculescu, (2005), „*Arhitectura unui sistem experimental de management de cunoștințe, dedicat comunităților virtuale de cercetare*” in ***Interacțiune Om-Calculator 2005, Proceedings of the Second Conference of Human-Computer Interaction – RoCHI 2005***, Cluj-Napoca, September 15-16, 2005, Editors: Pitariu, H. & S.C. Buraga, ASCR Publishing House, 2005, ISBN 973-7973-24-0, p. 41-46.
 30. C. Niculescu, (2005), „*Instrumente de e-learning pentru construirea mediului de lucru inteligent și interactiv*” in ***Interacțiune Om-Calculator 2005, Proceedings of the Second Conference of Human-Computer Interaction – RoCHI 2005***, Cluj-Napoca, September 15-16, 2005, Editors: Pitariu, H. & S.C. Buraga, ASCR Publishing House, 2005, ISBN 973-7973-24-0, p. 179-180.
 31. St. Trăușan-Matu, V. Cristea, O. Udrea (2005), “*The SINTEC Personalized, Knowledge-Based E-Learning Environment*” in ***Organizational Learning and Knowledge Work Management, Proceedings of the International Symposium OL-KWM 2005***, Centre for Economic Information and Document, ISBN: 973-618-058-1, pp. 19-29
 32. Sarmiento, J., St. Trăușan-Matu, G. Stahl (2005), “*Dialogical perspectives on narratives in collaborative mathematics problem-solving*” in ***Organizational Learning and Knowledge Work Management, Proceedings of the International Symposium OL-KWM 2005***, Centre for Economic Information and Document, ISBN: 973-618-058-1, pp. 88-100
 33. Stefan Trăușan-Matu (2005), “*Knowledge-Based Personalization of e-Learning*”, ***Universidad Metropolitana***, San Juan Poerto Rico, 23 aprilie 2005
 34. Mihai Mitrea, Françoise Prêteux, Mihai Petrescu, Adriana Vlad (2005), “*The StirMark watermarking attack in the DWT domain*” in ***Proceeding of IEEE 12th International Workshop on Systems, Signals and Image Processing - IWSSIP’2005***, Halkida-Greece, Sept. 2005, Vol. II, pp. 5-9
 35. Adrian Luca, Adriana Vlad (2005), “*On the statistical independence of two discrete random variables sampled from some chaotic signals*” in ***Proceeding of the 31st Internationally Attended Scientific Conference Modern Technologies in the XXI Century of the Military Technical Academy***, November 3-4, 2005, Bucharest, pp. 10.53-10.58, ISBN 973-640-074-3.
 36. Françoise Prêteux, Adriana Vlad, M. Mitrea, (2005), “*Le tatouage robuste ou comment protéger les contenus visuels*”, ***Techniques de l’Ingenieur, H5360*** (10/2005), pp 1-12.
 37. D. Burileanu, A. Dervis, (2005), “*Key-Information Retrieval from Long Speech Documents*”, ***Memoriile Secțiilor Științifice ale Academiei Române, Seria IV, Tom XXVI/2003, Publishing House of the Romanian Academy***, Bucharest, pp. 253-266, June 2005, ISBN 973-27-1135-3

2004

Cărți

1. Dan Tufiș, Gheorghe Tecuci, Adrian Rusu, Ionuț Isac (eds.) (2004), „*Mihai Drăgănescu in Media Res*”, **Editura Academiei**, ISBN: 973-27-1052-7, 2004, 271p
2. Menas Kafatos, Mihai Drăgănescu, (2004), „*Principles of Integrative Science*”, **Editura Tehnică**, decembrie 2003, 126 pag.
3. Mihai Drăgănescu, (2004), „*De la societatea informațională la societatea cunoașterii*”, **Editura Tehnică**, decembrie 2003, 244 pag.
4. Ștefan Trăușan-Matu, (2004), „*Programare în Lisp. Inteligență artificială și web semantic*”, ISBN 973-681-682-6., **Editura Polirom**, 2004, 285 pag.
5. D. Burileanu, (2004), „*Sinteza automată a vorbirii*”, **Editura Printech**, București, 2004, ISBN 973-652-989-4, 225 pag.
6. D. Burileanu, C. Dan, M. Pădure, A.M. Niculescu, S. Axente, (2004), „*Programare în C. Culegere de probleme*”, **Editura Printech**, București, 2004, ISBN 973-652-986-X.
7. Mihai Drăgănescu, (2004), „*Noua cultură în secolul XXI*”, București, **Editura Semne**, broșură, 28 pag., 2004, 245 pag.
8. Ștefan Trăușan-Matu, Costin Pribeanu (Eds.), (2004), „*Interacțiune Om-Calculator 2004*”, ISBN 973-718-053-4, **Editura Printech**, București, 2004, 314 pag .

Capitole de carte

1. Dan Tufiș, (2004), „*BalkaNet: ontologie lexicală multilingvă*”, în **Șt. Trăușan, C. Pribeanu (Eds) “Interacțiune Om-Calculator 2004”**, **Printech Pubs.**, Bucharest, 22-23 September, 2004, 9-22.
2. Dan Tufiș, (2004), „*Contribuții conceptuale ale academicianului Mihai Drăgănescu în știința informației*”, în **Dan Tufiș, Gheorghe Tecuci, Adrian Rusu, Ionuț Isac (eds.): Mihai Drăgănescu in Media Res**. Editura Academiei, ISBN: 973-27-1052-7, 2004, 125-138
3. Mihai Drăgănescu, (2004), „*În interacțiune cu știința și tehnologia informației, filosofia științei și societatea*”, în **Dan Tufiș, Gheorghe Tecuci, Adrian Rusu, Ionuț Isac (eds.): Mihai Drăgănescu in Media Res**. Editura Academiei, ISBN: 973-27-1052-7, 2004, 247-260
4. Gheorghe Tecuci, (2004), „*O viață dedicată științei, filosofiei și științei românești*”, în **Dan Tufiș, Gheorghe Tecuci, Adrian Rusu, Ionuț Isac (eds.): Mihai Drăgănescu in Media Res**. Editura Academiei, ISBN: 973-27-1052-7, 2004, 9-20

5. Gheorghe G. Constandache, Ștefan Trăușan-Matu, (2004), „Modelarea și ingineria sistemelor cognitive - O perspectivă filosofică”, în “**Strategii cognitive și integrare europeană**”, ISBN 973-8449-30-8, Editura Politehnica Press, 2003 (aparat 2004), pp.11-29
6. Ștefan Trăușan-Matu, Costin Chiru, Radu Bogdan, (2004), „Identificarea actelor de vorbire în dialogurile purtate pe chat”, în Ștefan Trăușan-Matu, Costin Pribeanu (Eds.), „**Interacțiune Om-Calculator 2004**”, ISBN 973-718-053-4, Editura Printech, București, 2004, pp. 206-214.
7. Gheorghe Tecuci, Mihai Boicu, Dorin Marcu, Bogdan Stanescu, Cristina Boicu, Marcel Barbulescu, (2004), “*Parallel Knowledge Base Development by Subject Matter Experts*”, in E. Motta, N. Shadbolt, A. Stutt, and N. Gibbins (Eds.) **Engineering Knowledge in the Age of the Semantic Web**, Springer-Verlag, 2004, pp. 265-289.
8. Eduard Barbu, (2004), „O analiză a relației de subsumare în ontologiile lexicale”, în G. Pană Dindelegan (coord.) „**Tradiție și inovație în studiul limbii române**”, Ed. Universității București, 2004, p. 635-642.
9. Barbu Mititelu, V., (2004), „Antonimie directă. Antonimie indirectă”, în G. Pană Dindelegan (coord.) „**Tradiție și inovație în studiul limbii române**”, Ed. Universității București, 2004, p. 643-650.

Lucrări publicate în revistele clasificate de CNCSIS (cu mențiunea monitorizării ISI și a factorului de impact, unde este cazul)

1. Tufiș, D. Ion, R., Barbu, E, et al. (2004), “*Cross-Lingual Validation of Multilingual Wordnets GWC2004*”, în **SECOND INTERNATIONAL WORDNET CONFERENCE, PROCEEDINGS** Pages: 332-340 Published: 2004
2. Tufiș, D, Barbu AM, Ion R. (2004), “*Extracting multilingual lexicons from parallel corpora*”, **COMPUTERS AND THE HUMANITIES Volume: 38 Issue: 2** Pages: 163-189 Published: MAY 2004 (**ISI Publication, Impact Factor: 0.634**)
3. Dan Tufiș, (2006), “*Word Senses: The Stepping Stones in Semantic-Based Natural Language Processing*”, în Maglogianis, I., Karpouzis, K., Bramer, M. (eds). (2006), “**Artificial Intelligence Applications and Innovations**”, Volume 204. Boston, Springer, 2006, pp. 575-582, ISBN 0-387-34223-0, (**ISI Publication, Impact Factor: 0.303**)
4. Mihai Boicu, Gheorghe Tecuci, Bogdan Stanescu, Dorin Marcu, Marcel Barbulescu, Cristina Boicu, (2004), „*Design Principles for Learning Agents*”, in **Proceedings of AAI-2004 Workshop on Intelligent Agent Architectures: Combining the Strengths of Software Engineering and Cognitive Systems**, pp.

- 26-33, July 26, San Jose, *AAAI Press*, Menlo Park, CA, 2004, (*ISI Publication, Impact Factor: 1.49*)
5. Gheorghe Tecuci, Mihai Boicu, Dorin Marcu, Bogdan Stanescu, Cristina Boicu, Marcel Barbulescu, (2004), „A University Research Group Experience with Deploying an Artificial Intelligence Application in the Center of Gravity Analysis Domain”, in *Proceedings of AAAI-2004 Workshop on Fielding Applications of Artificial Intelligence*, pp. 25-30, July 25, San Jose, *AAAI Press*, Menlo Park, CA, 2004, (*ISI Publication, Impact Factor: 1.49*)
 6. Cristina Boicu, Gheorghe Tecuci, (2004), “Mixed-Initiative Ontology Learning”, 7 pages, in *Proceedings of the 2004 International Conference on Artificial Intelligence, IC-AI'2004*, June 21-24, 2004, Monte Carlo Resort, Las Vegas, Nevada, USA. *IEEE Computer Society*, Los Alamitos, California, 2004, (*ISI Publication, Impact Factor: 1.49*)
 7. M. Mitrea, Françoise Prêteux, Adriana Vlad, C. Fetita, (2004), “The 2D-DCT coefficient statistical behaviour: a comparative analysis on different types of image sequences” in *JOAM (Journal of Optoelectronics and Advanced Materials)*, Vol. 6, No. 1, 2004, pp. 95-102. ISSN 1454-4164 (*ISI Publication, Impact factor: 1.106*)
 8. M. Mitrea, T. Zaharia, Françoise Preteux, Adriana Vlad, (2004), “Wavelet versus DCT – based spread spectrum watermarking of image databases”, *Proc. SPIE*, Vol. 5298, 2004, pp. 36-45 (*ISI Publication*)
 9. M. Mitrea, Françoise Prêteux, Adriana Vlad, (2004), “Spread Spectrum Colour Video Watermarking in the DCT Domain”, *Proc. SPIE*, Vol. 5581, 2004.

Alte lucrări publicate în reviste de specialitate și volume de conferințe (proceedings-uri)

1. Valentin Cristea, Ștefan Trăușan-Matu, Octavian Udrea (2004), „A Semantic Web Approach to e-learning Personalization”, in *WSEAS TRANSACTIONS on INFORMATION SCIENCE and APPLICATIONS*, Issue 5, Volume 1, November 2004, ISSN 1790-0832, pp. 1320-1325.
2. Dan Tufiș, Radu Ion, Nancy Ide, (2004), „Fine-Grained Word Sense Disambiguation Based on Parallel Corpora, Word Alignment, Word Clustering and Aligned Wordnets”, in *proceedings of the 20th International Conference on Computational Linguistics, COLING2004*, Geneva, 2004
3. Rada Mihalcea, Timothy Chklovski, Dan Tufiș, Vivi Năstase, Doina Tătar, Florentina Hristea, (2004), „An Evaluation Exercise for Romanian Word Sense Disambiguation”, in the *Proceedings of the SENSEVAL-3 Third International Workshop on the Evaluation of Systems for the Semantic Analysis of Text, ACL 2004 workshop*, Barcelona, Spain, July 25-26, 2004, 6 pages.

4. Dan Tufiş, Radu Ion, Eduard Barbu, Verginica Barbu, (2004), “Cross-lingual Validations of Wordnets”, in *Proceedings of Conference of the Global Wordnet Association*, Brno, 2004, 332-340.
5. Dan Tufiş, Radu Ion, (2004), „Interlingual wordnets validation and word-sense disambiguation”, in *Proceedings of the Natural Language Understanding and Cognitive Systems Symposium*, Porto, 2004, 97-105.
6. Dan Tufiş, (2004), „Term Translations in Parallel Corpora: Discovery and Consistency Check”, in *Proceedings of the 4th LREC Conference*, Lisabona, 2004, 1981-1984.
7. Dan Tufiş, Radu Ion, Nancy Ide, (2004), „Word sense disambiguation as a wordnets validation method in Balkanet”, in *Proceedings of the 4th LREC Conference*, Lisabona, 2004, 741-744.
8. Dan Tufiş, Liviu Dragomirescu, (2004), „Tiered Tagging Revisited”, in *Proceedings of the 4th LREC Conference*, Lisabona, 2004, 39-42.
9. Dan Tufiş, Eduard Barbu, (2004), „A Methodology and Associated Tools for Building Interlingual Wordnets”, in *Proceedings of the 5th LREC Conference*, Lisabona, 2004, 1067-1070.
10. Dan Cristea, Horia-Nicolai Teodorescu, Dan Tufiş, (2004), “Student Projects in Language and Speech Processing”, in *Proceedings of the Workshop on Language Resources: Integration and Development in e-Learning and in Teaching Computational Linguistics, a satellite event of the 4th LREC Conference*, Lisabona, 2004, 17-22.
11. Bowman M., Tecuci G., Boicu M., Comello J., (2004), „Information Age Warfare – Intelligent Agents in the Classroom and the Strategic Analysis Center”, 8 pages, *24th Army Science Conference*, November 29-December 2, 2004, in Orlando, Florida.
12. Tecuci G., Boicu M., Marcu D., Stanescu B., Boicu C., Barbulescu M., (2004), "A Learning Agent Shell for Building Knowledge-Based Agents", in *Proceedings of the Technology Demonstration Session of the 14th International Conference on Knowledge Engineering and Knowledge Management*, pp. 4.10-4.11, EKAW 2004, 5-8th October 2004 - Whittlebury Hall, Northamptonshire, UK, 2004.
13. D. Burileanu, A. Fecioru, D. Ion, M. Stoica, C. Ilaş, (2004), “An Optimized TTS System Implementation Using a Motorola StarCore SC140-Based Processor”, *Proceedings of the International Conference on Acoustics, Speech, and Signal Processing ICASSP 2004*, Montreal, Canada, Vol. 5, pp. 317-320, 2004.
14. M. Mitrea, Francoise Preteux, Adriana Vlad, (2004), „Watermarking Oriented Video Modelling in the Wavelet Domain”, in *WSEAS Trans. On Mathematics Issue 1, Vol. 3*, 2004, pp. 282-287, ISSN: 1109-2769; lucrarea a fost publicată și în *Proc. Of WSEAS Intl. Conf. On Applied Mathematics MATH 2004*, April 2004, Miami USA, ISBN: 960-8052-97-1;
15. Niculescu, C., (2004), „Cooperative System for Sustaining Project Management Activities” în *Proceedings of the International Symposium Remote Engineering Virtual Instrumentation 2004*, (REV2004: <http://www.online-lab.net/rev/>), 28–29 Sept. 2004, Villach, Austria.
16. Niculescu, C., A. Marhan, D. Grosu, (2004), „Managing E-Learning Content with uniSMART System”, în *Proceedings of the International Conference Interactive*

- Computer Aided Learning 2004*, (ICL2004: <http://www.icl-conference.org/>), 29 Sept.-1 Oct. 2004, Villach, Austria
17. Cristina Niculescu, (2004), „Context-Based Knowledge Handling for Communities of Practice in Project Management Information Systems”, in *Proceedings of E-COMM-LINE 2004*, 21-22 Oct. 2004, ISBN 973-0-03671-3, Publishing House ECAS TRADE S.R.L., Bucharest, pp. 124-129.
 18. C. Niculescu, A. Marhan, D. Grosu, (2004), „Dezvoltarea interfeței tutor în cadrul implementării soluției de e-learning uniSMART”, in *Interacțiune Om-Calculator 2004, Proceedings of the First National Conference of Human-Computer Interaction – RoCHI 2004*, Editors: Șt. Trăușan-Matu and C. Pribeanu, ISBN 973-718-053-4, Printech Publishing House, September 2004, Bucharest, p. 304-314.
 19. Dan Tufiș, Dan Cristea, S. Stamou. (2004), “BalkaNet: Aims, Methods, Results and Perspectives. A General Overview”, în *Romanian Journal on Information Science and Technology*, Dan Tufiș (ed.) Special Issue on BalkaNet, Romanian Academy, vol. 7, no. 2-3, 2004, 9-34.
 20. Dan Tufiș, Eduard Barbu, Verginica Barbu Mititelu, Radu Ion, Luigi Bozianu (2004), “The Romanian Wordnet”, în *Romanian Journal on Information Science and Technology*, Dan Tufiș (ed.) Special Issued on BalkaNet, Romanian Academy, vol7, no. 2-3, 2004, 105-122.
 21. Radu Ion, Dan Tufiș, (2004), „Multilingual Word Sense Disambiguation Using Aligned Wordnets”, in *Romanian Journal on Information Science and Technology*, Dan Tufiș (ed.) Special Issue on BalkaNet, Romanian Academy, vol. 7, no. 2-3, 2004, 198-214.
 22. Mihai Drăgănescu, (2004), „The Fundamental Phenomenological Information of the Universe”, *Proceedings of the Romanian Academy, Series A, Vol.5, No.1*, January-April 2004, pp. 81-88, 2004.
 23. Mihai Drăgănescu, Menas Kafatos, (2004), „Community and Social Factors for the Integrative Science”, *NOESIS, vol. XXVIII* , 2003, pp. 9-26. (apărut în 2004)
 24. Mihai Drăgănescu, (2004), „Products of phenomenological categories and products of phenomnenological functors”, *NOESIS, vol. XXVIII* , 2003, pp. 27-42. (apărut în 2004)
 25. Adriana Vlad, A. Mitrea, M. Mitrea, (2004), “Information sources approximating to printed Romanian: the role of type two statistical error”, *Proc. of Romanian Academy, Volume 5*, Number 3/2004
 26. D. Burileanu, A. Fecioru, D. Ion, (2004), “Efficient Implementation of a Text-to-Speech Synthesis System on a DSP Platform”, *UPB Scientific Bulletin, Series C, Vol. 64*, No. 3, pp. 45-58, București, 2002, ISSN 1454-234X; apărut în martie 2004.
 27. D. Burileanu, C. Negrescu, V. Croitoru, M. Sima, (2004), “On Using Simulated Data for Speech Recognition over Telephone Channels”, *Acta Tehnica Napocensis – Electronics and Telecommunications Journal, Vol. 44, Nr.1/2004*, pp. 61-68, Cluj-Napoca, 2004, ISSN 1221-6542; apărut în aprilie 2004.

28. Adriana Vlad, B. Chiriac, M. Mitrea, (2004), “*Survey modelling by combining information theory and stochastic method*”, in **Proc. of the Intl. Conf. Communications’2004**, pp. 209-214, Iunie 2004, Bucharest
29. Adriana Vlad, A. Luca, (2004), “*The statistical behaviour of the chaotic signals: applications to cryptography*”, **Buletinul Științific al Universității "Politehnica" din Timișoara, Tom 49(63), Fasc. 2**, 2004, pp. 132-137.
30. Corneliu Burileanu, Vladimir Popescu, (2004), „*Isolated Word Recognition Engine Implemented on Java™ Platform*”, **Proceedings of 3rd European Conference on Intelligent Systems and Technologies “ECIT 2004”**, Iași, Romania, July 21-23, 2004, CD – ISBN 973-7994-78-7, Session III: Speech Technology.
31. Ionita, A., Adam Maria Gadowski, (2004), „*Trends in methodological approaches in Smart Tools for Intelligent Community: TOGA Framework*”, în **Proceedings of the 5 - th European Conference E-Comm-Line 2004**, Bucharest , October 21-22, 2004, ISBN 973-0-03671-3, pp. 103-109
32. Ionita, A., (2004), “*A Powerful Tool for Policy Makers in Intelligent Communities: Spatial Data Mining*”, în **Proceedings of the 5 th European Conference e-Comm Line 2004**, Bucharest, October 21-22, 2004, ISBN 973-0-03671-3, pp. 119 - 123

Rapoarte de interes public elaborate de institut pentru Guvern, Parlament etc.

-

Cooperări științifice naționale și internaționale, inclusiv în proiecte (cu indicarea numărului de proiect și a partenerilor):

- **Cooperări științifice naționale:**

1. *Analysis and evaluation of Comparable Corpora for Under Resourced Areas of machine Translation* (2010-2012) - **ACCURAT-RO**– (PN2, Capacități); (2010 – 2012); (director de proiect: Ioan Dan Tufiș) valoare: 311 000 RON

Coordonator: Institutul de Cercetări pentru Inteligență Artificială, Academia Română, București

2. *Infrastructură pentru resurse lingvistice interoperabile pentru limba română - CLARIN-RO* – (PN2, Capacități); (2009 – 2011); (director de proiect: Ioan Dan Tufiș)

Coordonator: Institutul de Cercetări pentru Inteligență Artificială, Academia Română, București

3. *Sistem de Traducere Automată pentru Limba Română STAR* (PN2, Idei) (Contract: 742/19.01.2009) (2009 – 2011); (director de proiect: Ioan Dan Tufiș);

Coordonator: Institutul de Cercetări pentru Inteligență Artificială, Academia Română, București, (<http://www.racai.ro/star/>)

4. *Sistem de Întrebare-Răspuns în limbile Română și Engleză cu Spații Deschise de Căutare - SIR-RESDEC* (PN2, D11007/18.09.2007); (2007 – 2010); (Director proiect: Ioan Dan Tufiș);

Parteneri: Institutul Național de Cercetare-Dezvoltare în Informatică (ICI), Universitatea “A.I. Cuza”, Facultatea de Informatică, Iași (UAIC-FII) (<https://sir-resdec.racai.ro:450/index.php/>)

5. *Dicționarul Tezaur al Limbii Române în format electronic eDTLR* (PNCDI II, D91013/18.09.2007); (2007–2010)(responsabil de proiect: Ioan Dan Tufiș);

Parteneri: Universitatea “A.I. Cuza”, Facultatea de Informatică, Iași (UAIC-FII) – coordonator; Academia Română, Institutul de Lingvistică “I. Iordan – A. Rosetti”, București (ILB); Academia Română, Institutul de Filologie Română “A. Philippide”, Iași (IFRI); Academia Română, Institutul de Lingvistică și Istorie Literară “S. Pușcariu”, Cluj-Napoca (ILILC); Academia Română, Institutul de Cercetări pentru Inteligență Artificială (ICIA); Academia Română, Institutul de Informatică Teoretică, Academia Română, Iași (IIT); Universitatea “A.I. Cuza”, Facultatea de Litere, Iași (UAIC-LIT) (https://consilr.info.uaic.ro/edtlr/wiki/index.php?title=Main_Page)

6. *„Intărirea Capacității Administrative a Institutului de Cercetări pentru Inteligență Artificială” (CapAdIA)*(nr. 785 /cod SMIS – CSNR: 13103/2010)”(Director de proiect: Angela Ioniță)(Fonduri Structurale);

7. *„Managementul competențelor în domeniul tehnologiei informației, o abordare bazată pe ontologii” (CONTO)* (2007 – 2010)(responsabil proiect: Cristina Niculescu)

Parteneri: Academia de Studii Economice (ASE) - coordonator; Institutul de Inteligență Artificială al Academiei Române (ICIA);

8. *„Sistem Interactiv pentru Monitorizarea si Optimizarea Traficului Rutier” (OPTIMTRAF)* (PNCDI II) (2007 – 2010) (Director de proiect: Angela Ioniță)

Parteneri: Institutul de Cercetări pentru Inteligență Artificială - coordonator; Universitatea Pitești (UPIT); Universitatea “Politehnica” București (UPB); Institutul Național de Cercetare-Dezvoltare pentru Microtehnologie (IMT); S.C. Intergraph Computer Services s.r.l.

9. *Sisteme inteligente pentru webul semantic, bazate pe logica ontologiilor și tehnologiile limbajului. Aplicații la limba română* ROTEL (CEEX 29) (2005-2008) (responsabil: Ioan Dan Tufiș);

Parteneri: ICI – coordonator; Institutul de Cercetări pentru Inteligență Artificială, UAIC (<http://rotel.ici.ro/>).

10. „*Dezvoltarea parteneriatului la nivel European, pregătirea de proiecte comune pentru depunerea la viitorul Program Cadru 7 al UE și la viitoarele programe internaționale*” (*PRO-EURO-TIC*) (CEEX, Modul III), (2005 - 2007)(Director de proiect: Angela Ioniță)

Parteneri: Institutul de Cercetari pentru Inteligență Artificială, Academia Română – coordonator; S.C. BEIA Consult International; Centrul pentru Servicii de Radiocomunicații; Institutul Național de Cercetare-Dezvoltare pentru Inginerie Electrică (ICPE-CA); Ergamed s.r.l.

11. *Infrastructuri de date spațiale pentru aplicații de protecția mediului (INSPAM)* (CEEX), (2005 – 2008) (responsabil: Angela Ioniță)

Parteneri: Agentia Spatuala Romana - coordonator, Administratia Nationala de Meteorologie (ANM), Institutul de Inteligență Artificială al Academiei Române (ICIA); Institutul National de Hidrologie si Gospodarie a Apelor (INHGA); Institutul de Cercetari si Amenajari Silvice (ICAS); Asociatia de Standardizare din Romania (ASRO);

12. *Realizarea unei rețele naționale și a unui sistem informațional unificat pentru managementul informațiilor despre acoperirea și utilizarea terenului în sprijinul dezvoltării aplicațiilor GMES (LUCIUS)* (CEEX), (2005 – 2008) (responsabil: Angela Ioniță)

Parteneri: Agentia Spațială Română – coordonator; Administrația Națională de Meteorologie (ANM), Institutul de Inteligență Artificială al Academiei Române (ICIA); Institutul de Cercetări si Amenajări Silvice (ICAS); Institutul Național de Hidrologie și Gospodărire a Apelor (INHGA); Institutul Național – Delta Dunării (INDD); Universitatea “Al. I. Cuza” Iași, (UAIC);

13. „*Dezvoltarea parteneriatului S/T și pregătirea de proiecte comune în domeniul aplicațiilor „IP-Wireless-Telemetry” (IPWireless Telemetry)* (CEEX Modul III), (2006 – 2008) (responsabil: Angela Ioniță)

Parteneri: Agentia Spațială Română – coordonator; Institutul de Inteligență Artificială al Academiei Române (ICIA); S.C. BEIA Consult International SRL;

14. „*Platforma tehnologică integrată, în domeniul „Intelligent Embedded Systems”, sustenabilă pe termen lung și racordată la platforma tehnologică europeană „ARTEMIS” (ARTEMIS-RO)* (CEEX Modul III), (2007 – 2009) (Director de proiect: Angela Ioniță)

Parteneri: Institutul de Inteligență Artificială al Academiei Române (ICIA) - coordonator; Agentia Spațială Română; S.C. BEIA Consult International SRL; S.C. Delta Info S.A

15. „*Platforma tehnologică integrată, în domeniul „Networked and Electronic Media”, sustenabilă pe termen lung și racordată la platforma tehnologică europeană NEM*” (*NEM*) (CEEX Modul III), (2007 – 2009) (responsabil: Angela Ioniță)

Parteneri: S.C. BEIA Consult International SRL – coordonator; Universitatea “Politehnica” București, Institutul de Inteligență Artificială al Academiei Române (ICIA); Academia de Studii Economice (ASE); Biblioteca Academiei Române (BAR);

16. **“Dezvoltarea unui parteneriat de excelență pentru crearea unui sistem inteligent și interactiv de management al relației administrației cu cetățenii și mediul de afaceri” (PESIMAS)** (CEEX Modul III) (2006 – 2008)
(responsabil: Angela Ioniță)

Parteneri: Academia de Studii Economice (ASE) - coordonator; Institutul de Inteligență Artificială al Academiei Române (ICIA); S.C. Intergraph Computer Services s.r.l.

17. **„Dezvoltarea unui parteneriat pentru susținerea rezolvării problemelor cetățeanului în Uniunea Europeană prin utilizarea TIC în reingineria serviciilor publice” (PRPCUETIC)** (CEEX Modul III) (2006 – 2008)
(responsabil: Angela Ioniță)

Parteneri: Academia de Studii Economice (ASE) - coordonator; Institutul de Inteligență Artificială al Academiei Române (ICIA); S.C. BEIA Consult International SRL;

18. **„Sisteme suport pentru cultura cunoașterii bazate pe soluții și instrumente din domeniul BI (Business Intelligence) – SSCBI”,** (CEEX), (2005 – 2008)
(responsabil: Cristina Niculescu);

Parteneri: Biblioteca Academiei Române (BAR) – coordonator; Institutul de Inteligență Artificială al Academiei Române (ICIA); Institutul Național pentru Cercetare-Dezvoltare în Informatică (ICI);

19. **Achiziția și utilizarea cunoștințelor lexicale multilingve ACQ-MULT**
(Proiect al Academiei Române) (2004-2005) (responsabil: Ioan Dan Tufiș).

20. **Contract CNCSIS-PN2-RU-MC-81, Resurse Umane, Mobilitate a Cercetătorilor pentru participarea la conferința internațională LREC 2008, Marrakech, Maroc, 25 mai – 2 iunie 2008;** lucrări prezentate și publicate: “GMT TO +2” și “HOW TO EVALUATE AND RAISE THE QUALITY IN A COLLABORATIVE LEXICOGRAPHIC APPROACH” (Corina Forăscu) (2008).

21. **Contract CNCSIS-PN2-RU-MC-14, Resurse Umane, Mobilitate a Cercetătorilor pentru participarea la conferința internațională CICLing 2008, Haifa, Israel, 15-25 februarie 2008;** lucrare prezentată și publicată LNCS: “Why Don’t Romanians Have A Five O’clock Tea”(Corina Forăscu) (2008).

22. **Sistem telematic inteligent și interactiv pentru educație continuă SINTEC** (INFOSOC) (responsabil: Cristina Niculescu);

Parteneri: Universitatea Politehnica București – coordonator, Institutul de Cercetări pentru Inteligență Artificială, Institutul de Filosofie și Psihologie al Academiei Române, SIVECO SA (2002-2003).

23. **Sisteme modulare educaționale asistate de resurse ale tehnologiei informației pentru învățământ universitar UniSMART** (INFOSOC) (2002-2004) (responsabil: Cristina Niculescu);

Parteneri: Fundația Universitară a Mării Negre (FUMN)- coordonator, Institutul de Cercetări pentru Inteligență Artificială (ICIA), Școala Națională de Studii Politice și Administrative (SNSPA).

24. **Strategii și soluții pentru Societatea Informațională-Societatea Cunoașterii în România IS-KS** (INFOSOC) (2002)(responsabil: Ioan Dan Tufiș).

25. **Societatea Informațională - Societatea Cunoașterii SI-SC** (proiect fundamental al Academiei Române) (2001-2002). **LINGUASTAT** – Set integrat de instrumente pentru prelucrarea statistica a limbajului (proiect al Academiei Române) (1998-2001) (responsabil: Ioan Dan Tufiș).

26. **Sisteme modulare educaționale asistate de resurse ale tehnologiei informației pentru învățământ universitar UniSMART** – (INFOSOC) (2002-2004), (responsabil: Cristina Niculescu)

Parteneri: Fundația Universitară a Mării Negre (FUMN)- coordonator, Institutul de Cercetări pentru Inteligență Artificială (ICIA), Școala Națională de Studii Politice și Administrative (SNSPA).

27. **Generator al unei baze de date lexicală codificată XML dintr-un dicționar tipărit WEBLEX DIC** (proiect prioritar al Academiei Române) (1998-1999) (responsabil: Ioan Dan Tufiș).

28. **Facilitarea colaborării în activitatea științifică, utilizând servicii Internet** (proiect al Academiei Române) (1997))(responsabil: Dana Trifănescu).

• Cooperări științifice internaționale

1. **ACCURAT – Analysis and evaluation of Comparable Corpora for Under Resourced Areas of machine Translation** (2010-2012), (FP7/2007-2013)(responsabil: Ioan Dan Tufiș), Grant Agreement no. 248347,

Parteneri: TILDE: Tilde SIA, Riga, Latvia; USFD: University of Sheffield, Computer Science Department, NLP Group, Sheffield, UK; CTS: University of Leeds, Centre for Translation Studies, Leeds, UK; ILSP: Athena Research and Innovation Center in Information Communication & Knowledge Technologies, Institute for Language and Speech Processing, Athens, Greece; FFZG: University of Zagreb, Faculty of Humanities and Social Sciences, Department of Linguistics, Zagreb, Croatia; DFKI: Deutsches Forschungszentrum für künstliche Intelligenz, LT Lab, Saarbrücken, Germany; RACAI: Romanian Academy, Research Institute for Artificial Intelligence, Bucharest, Romania; LT: Linguattec GmbH, Munich, Germany; ZEMANTA: Zemanta d.o.o., Ljubljana, Slovenia (<http://www accurat-project.eu/>)

2. **METANET4YOU** - *Enhancing the European Linguistic Infrastructure* (dec. 2010 – 2013) (**ICT PSP Objective identifier: 6.1 Open linguistic infrastructure**), (responsabil: Ioan Dan Tufiş)

Parteneri: University of Lisbon (Coordinator) ULX Portugal; Instituto Superior Técnico IST Portugal; University of Manchester UNIMAN United Kingdom; University Alexandru Ioan Cuza UAIC Romania; Romanian Academy RACAI Romania; University of Malta UOM Malta; Technical University of Catalonia UPC Spain; University Pompeu Fabra UPF Spain

3. **MULTILINGUAL Web** (2010-2012) (responsabil: Ioan Dan Tufiş),

Parteneri: ERCIM/W3C, France (coordinator); Aalto-Korkeakoulusaatio, Finland; Biloom Group, Germany; Consiglio Nazionale delle Ricerche, Italy; European Commission, Directorate-General for Translation, Luxembourg; Facebook Ireland, Ireland; Fachhochschule Potsdam, Germany; Institut Jozef Stefan, Slovenia; Institutul de Cercetări pentru Inteligență Artificială, Romania; Language Technology Centre Ltd., U.K.; LISA, Switzerland; Lionbridge Belgium, Belgium; Microsoft Ireland, Ireland; Opera Software, Norway; SAP AG, Germany; TAUS, Netherlands; University of Oviedo (ILTO), Spain; Universidad Politécnica de Madrid, Spain; The University of Limerick, Language Resource Centre, Ireland; XML-INTL, U.K. (<http://www.multilingualweb.eu/>)

4. **CLARIN** - *Common Language Resources and Technology Infrastructure* (2008 – 2010) (INFRA-2007-2.2-01, 212230) (responsabil: Ioan Dan Tufiş);

Parteneri: University of Utrecht/Netherlands Graduate School of Linguistics, Netherlands – coordonator; University of Vienna, Austria; Center for Computational Linguistics, Belgium; Institute for Parallel Processing, Bulgaria; Charles University, Czech Republic; Deutsches Forschungszentrum für Künstliche Intelligenz, Germany; Universität Tübingen, Germany; Center for Sprogteknologi, University of Copenhagen, Denmark; University of Tartu, Estonia; Institut Universitari de Lingüística Aplicada, Universitat Pompeu Fabra, Spain; CSC - the Finnish IT Center for Science, Finland; University of Helsinki, Finland; Evaluations and Language resources Distribution Agency (ELDA), France; ALTIF , France; Institute for Language and Speech Processing, Greece; University of Zagreb, Faculty of Humanities and Social Sciences, Croatia; Academy of Sciences, Hungary; Istituto di Linguistica Computazionale, Italy; Institute of Mathematics and Computer Science, University of Latvia, Latvia; University of Malta, Dept. of computer science, Malta; Instituut voor Nederlandse Lexicologie, Netherlands; Max Planck Institute for Psycholinguistics, Netherlands; University of Bergen, Norway; Institute of Computer Science, Polish Academy of Sciences, Poland; University of Wrocław, Poland; University of Lisbon, NLX-Natural Language and Speech Group, Portugal; A.I.I.Cuza University, Romania; Research Institute for Artificial Intelligence, Romanian Academy, Romania; Dept. Speech, Music and Hearing, CSC, KTH, Sweden; Lund University, Sweden; Department of Linguistics and English Language, Lancaster University, UK; Oxford Text Archive, UK; University of Sheffield, UK. (<http://www.clarin.eu/external/>)

5. **FlaRENet** - *Fostering Language Resources Network* (2008 - 2010), (TN, eContentplus 617001) (responsabil: Ioan Dan Tufiş);

Parteneri: Università di Pisa - Dipartimento di Informatica, Italy – coordonator; Macquarie University, Australia; Universität Klagenfurt - Zentrum für Gebärdensprache und Hörbehindertenkommunikation, Austria; Universität Wien, Austria; BRAC University - Center for Research on Bangla Language Processing, Bangladesh; European Multimedia Forum, Belgium; Katholieke Universiteit Leuven - Centrum voor Computerlinguïstiek, Belgium; Université Catholique de Louvain - Centre de Traitement Automatique du Langage, Belgium; Universiteit Antwerpen, Belgium; Bulgarian Academy of Sciences - Institute for Parallel Processing, Bulgaria; Univerzita Karlova v Praze - Matematicko-Fyzikální Fakulta, Czech Republic; Copenhagen Business School - Department of International Language Studies and Computational Linguistics, Denmark; Københavns Universitet, Denmark; Mikro Vaerkstedet, Denmark; Tallinn University of Technology - Institute of Cybernetics - Laboratory of Phonetics and Speech Technology, Estonia; Helsingfors Universitet, Finland; Centre National de la Recherche Scientifique - Laboratoire d'Informatique pour la Mécanique et les Sciences de l'Ingénieur & Institute for Multilingual and Multimedia Information, France; Commissariat à l'Énergie Atomique - Laboratoire d'Intégration des Systèmes et des Technologies, France; Evaluations and Language resources Distribution Agency, France; Exalead, France; Institut National de Recherche en Informatique et Automatique Paris-Rocquencourt - Project-team Alpage, France; Biloom Group, Germany; Deutsche Forschungszentrum für Künstliche Intelligenz, Germany; Eberhard Karls Universität Tübingen, Germany; European Media Laboratory GmbH, Germany; Langenscheidt, Germany; Linguatex, Germany; Max-Planck-Gesellschaft, Germany; Technische Universität Darmstadt - Ubiquitous Knowledge Processing Group, Germany; Universität Bielefeld, Germany; “Athena” R. C. - Institute for Language and Speech Processing, Greece; Hong Kong Polytechnic University - Faculty of Humanities, Hong Kong; Morphologic, Hungary; Indian Statistical Institute, India; Consiglio Nazionale delle Ricerche - Istituto di Linguistica Computazionale, Italy; Consiglio Nazionale delle Ricerche - Istituto di Scienza e Tecnologie dell'Informazione - TrebleCLEF Project, Italy; Fondazione Bruno Kessler, Italy; Politecnico di Bari, Italy; Università di Torino - Dipartimento di Informatica - 'Interaction Models: Agents, Natural Language and Expression' Group, Italy; Kyoto University, Japan; National Institute of Advanced Industrial Science and Technology, Japan; National Institute of Information and Communications Technology; Japan; European Commission - Directorate-General for Translation, Luxembourg; European Parliament - Information-Technology, Language and Documentation Support Division, Luxembourg; Technical University of Moldova - Department of Applied Informatics - Human Language Engineering Laboratory, Moldova; The Language Council of Norway, Norway; Unifob A.S. – AKSIS, Norway; University of Bergen - Faculty of Humanities - Department of Linguistic, Literary and Aesthetic Studies - Language Models and Resources Group, Norway; Polish Academy of Sciences - Institute of Computer Science, Poland; Uniwersytet im. Adama Mickiewicza w Poznaniu, Poland; Universidade de Lisboa - Faculdade de Ciências - Departamento de Informática, Portugal; Tsinghua University,

Republic of China; Korea Advanced Institute of Science and Technology, Republic of Korea; "Alexandru Ioan Cuza" University, Romania; Romanian Academy Research Institute for Artificial Intelligence, Romania, Amebis, Slovenia; Jožef Stefan Institute, Slovenia; Institut d'Estudis Catalans, Spain; Universitat de Barcelona - Centre de Llenguatge i Computació, Spain; Universitat de Barcelona - Departament de Lingüística General, Spain; Universitat Politècnica de Catalunya, Spain; Universitat Pompeu Fabra, Spain; University of the Basque Country - Aholab Group, Spain; University of the Basque Country - Ixa Group; Spain; Göteborgs Universitet - Humanistiska Fakulteten - Institutionen för Svenska Språket – Språkbanken, Sweden; Instituut voor Nederlandse Lexicologie, Netherlands; Nederlandse Taalunie, Radboud University Nijmegen - Centre for Language and Speech Technology, Netherlands; Radboud University Nijmegen - Department of Linguistics, Netherlands; University of Twente - Faculty of Electrical Engineering, Mathematics and Computer Sciences - Subdepartment Human Media Interaction, Netherlands; Universiteit Utrecht, Netherlands; Vrije Universiteit Amsterdam, Netherlands; Coventry University, UK; The Open University, UK; The University of Manchester - National Centre for Text Mining, UK; The University of Sheffield, UK; Brandeis University, United States of America; Johns Hopkins University - Human Language Technology Center of Excellence, USA; Linguistic Data Consortium, USA; Palo Alto Research Center Incorporated - Natural Language Theory and Technology, USA; Vassar College, USA (<http://www.ilc.cnr.it/flarenet/>)

6. **COST A31: Stability and Adaptation of Classification Systems in a Cross-Cultural Perspective;** (2007 – 2010) (responsabil: Ioan Dan Tufiş),

Parteneri: CRLAO, Paris, France – coordonator, Austria, Croatia, Denmark, Finland, Germany, Hungary, Israel, Italy, Lithuania, The Netherlands, Norway, Poland, Romania, UK (<http://www.classifiers.eu>)

7. **eSDI+ European Network on Geographic Information Enrichment and Reuse (eContent+);** (2007–2010) (expert responsabil: Angela Ioniță, coordonatorul părții române);

Parteneri: Technische Universität Darmstadt, Fachgebiet GRIS (TUD); AGH - University of Science and Technology (AGH-UST); AM/FM GIS Italia (AMFM); Association for Geospatial Information in South-East Europe (AGISEE); Association of Geographic Information Laboratories in Europe (AGILE); Association of Geographic Information Users (USIG); Consiglio Nazionale delle Ricerche (CNR); European Umbrella Organisation for Geographic Information (EUROGI); Fraunhofer Institute for Computer Graphics Research (FHG-IGD); Fraunhofer Institute for Open Communication Systems (FOKUS); Geographical Information Systems International Group (GISIG); Hungarian Association for Geo-information (HUNAGI); Research Institute for Artificial Intelligence "Institutul de Cercetari pentru Inteligenta Artificiala, Academia Română" (ICIA); Intergraph CS, s.r.o. (INGR); Kouvola Region Federation of Municipalities (KRF); Linköpings University, Department of Computer and Information Science, Sweden (LIU-IDA); Regione Piemonte (PIEMONTE); SADL Katholieke Universiteit Leuven R&D (SADL); South East

European Research Centre (SEERC); University Jaume I (UJI); University of Rome "La Sapienza" (URS).

8. **INSPIRE and NSDI SoP (50502.2008.001 – 2008.833)**(eContent+) (2009-2011)

Parteneri: cel puțin câte o instituție reprezentativă din peste **32 de țări** plus un **grup de experți internaționali INSPIRE and NSDI SoP (50502.2008.001 – 2008.833)**(eContent+) (expert în grupul internațional de experți: Angela Ioniță).

9. **SEE-ERA.NET - Building Language Resources and Translation Models for Machine Translation focused on South Slavic and Balkan Languages** (ICT 10503 RP) (2007 - 2008) (responsabil: Ioan Dan Tufiș),

Parteneri: Romanian Academy Research Institute for Artificial Intelligence – Romania, Institute for Bulgarian Language – Bulgaria, Institute for Language and Speech Processing – Greece, Faculty of Mathematics – Serbia, Jožef Stefan Institute – Slovenia; (<http://dcl.bas.bg/ssbc/home.html>).

10. **WISE - An Electronic Marketplace to Support Pairs of Less Widely Studied European Languages** (BSEC 009 / 05.2007) (2007 - 2008) (responsabil: Ioan Dan Tufiș),

Parteneri: Databases Laboratory, Patras University, Greece; Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania; Department of Computational Linguistics, Institute for Bulgarian Language, Bulgarian Academy of Sciences, Bulgaria; University of Belgrade, Faculty of Mathematics, Belgrade, Serbia; Faculty of Engineering and Natural Sciences, Sabanci University, Turkey.

11. **AUF 0707 - Collocations en contexte - extraction et analyse contrastive** (AUF 2091RR703) (2006 - 2008) (responsabil: Ioan Dan Tufiș),

Parteneri: Universitatea Marc Bloch, Strasbourg; Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania; Universitatea din Stuttgart.

12. **RomNetEra - ROManian Inventory and NETworking for Integration in ERA** (SSA FP6-510475) (2004-2007) (responsabil: Ioan Dan Tufiș),

Parteneri: National Institute for Research and Development in Microtechnologies (IMT-Bucharest), Romania; National University Research Council (CNCSIS), Romania; Executive Unit for Financing High Education and University Research (UEFISCSU), Romania; Chamber of Commerce and Industry of Romania and Bucharest/Center of Investment Partnership in Romania – PART-INVEST, Romania; Research Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania; iMediaSoft, Grenoble, France (<http://www.romnet.net/>).

13. **KNOWLEDGE-WEB** (NoE FP6-507482) (2004-2007) (ICIA - partener asociat) (responsabil: Ioan Dan Tufiș);

Parteneri: University of Innsbruck (UIBK)-Austria; École Polytechnique Fédérale de Lausanne (EPFL)- Switzerland; France Telecom (FT) – France; Freie Universität



Berlin (FU Berlin) – Germany; Free University of Bozen-Bolzano (FUB) – Italy; Institut National de Recherche en Informatique et en Automatique (INRIA) – France; Centre for Research and Technology Hellas /Informatics and Telematics Institute (ITICERTH) – Greece; Learning Lab Lower Saxony (L3S) – Germany; National University of Ireland Galway (NUIG) – Ireland; The Open University (OU) - United Kingdom; Universidad Politécnica de Madrid (UPM) – Spain; University of Karlsruhe (UKARL) - Germany; University of Liverpool (UniLiv) - United Kingdom; University of Manchester (UoM) - United Kingdom; University of Sheffield (USFD) - United Kingdom; Contact person: Hamish Cunningham; University of Trento (UniTn) – Italy; Vrije Universiteit Amsterdam (VUA) - The Netherlands; Vrije Universiteit Brussel (VUB) – Belgium (<http://knowledgeweb.semanticweb.org/>).

14. **ARS-ROCOCO** – *Acquiring Reading Skills in Romanian by Comparable Corpora* (Grant Academia Britanică); (2004-2005) (responsabil: Ioan Dan Tufiş),

Parteneri: Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania; Leeds University, UK.

15. **FF-POIROT** – *Financial Fraud Prevention-Oriented Information Resources using Ontology Technology* (STREP IST-2001-38248) (2002-2005) (responsabil: Ioan Dan Tufiş),

Parteneri: Vrije Universiteit Brussel - STARLab, Belgium; The Joseph Bell Centre for Forensic Statistics & Legal Reasoning, University of Edinburgh, UK; Erasmus Hogeschool - Centrum voor Vaktaal en Communicatie (CVC), Belgium; Knowledge Stones, Italy; Commissione Nazionale per le Società e la Borsa, Italy; Language & Computing (L&C) , Belgium; VAT Applications, Belgium; Romanian Academy Institute for Artificial Intelligence (RACAI), Romania. (<http://www.ffpoirot.org/>).

16. **KATEDRAST** (2001 – 2005) (responsabil: Mihai Drăgănescu),

Parteneri: Romanian Academy Institute for Artificial Intelligence, Universitatea George Mason, Physics Laboratory of Noetic Institute, Orinda, California.

17. **TOWNTOLOGY** – *Urban Ontologies for an improves communication in urban civil engineering projects*, Proiect COST UCE Action C21, (2004-2009) (<http://www.towntology.net/>)(responsabil: Ștefan Trăușan-Matu),

18. **Great IST: Bringing together IST research stakeholders from western Balkans Newly Independent States** (2004-2007) (ICIA multiplier)(expert: Angela Ioniță)

19. **DICO-PRO-** *Dictionary consultation for research and education* (proiect SNFR-SCOPES 7IP 062621) (2003-2004) (responsabil: Ioan Dan Tufiş),;

Parteneri: Universitatea din Geneva; Institutul de Cercetări pentru Inteligență Artificială, Academia Română.

20. **BalkaNet** - *Design and Development of a Multilingual Balkan WordNet* (FP5, IST-2000-29388) (2001-2004) (responsabil: Ioan Dan Tufiş);
Parteneri: University of Patras – Greece; Computer Technology Institute – Greece; University Alexandru Ioan Cuza – Romania; Romanian Academy RACAI – Romania; Institute of Bulgarian Language – Bulgaria; Sabanci University – Turkey; Masaryk University - Czech Republic; Memodata – France; University of Plovdiv – Bulgaria; University of Athens – Greece. (<http://www.ceid.upatras.gr/Balkanet/>).
21. **ELSNET**- *European Network of Excellence in Human Language Technologies* (FP5, IST-1999-12127) (2000-2002) (responsabil: Ioan Dan Tufiş),
22. **LARFLAST** - *Learning Foreign Language Scientific Terminology* (INCO-Copernicus 977074) (1999-2002) (responsabil: Ioan Dan Tufiş),;
Parteneri: Computer Based Learning Unit, School of Education, University of Leeds, UK; Department of Information Technology, Faculty of Mathematics and Informatics, University of Sofia "St. Kl. Ohridsky", Bulgaria; Virtech Ltd, Sofia, Bulgaria; Department of Information Science, University of Milan, Italy; Romanian Academy- RACAI, Romania; Crimean Research Group "Computers and Languages", State University of Simferopol, Ukraine; Department of Language Engineering, University of Manchester Institute of Science and Technology. (<http://www-it.fmi.uni-sofia.bg/larflast/>).
23. **ELAN** - *European Language Activity Network* (proiect European MLIS121) (responsabil: Ioan Dan Tufiş),;
Parteneri: Institut für Deutsche Sprache (Germany); University of Birmingham, School of English (United Kingdom); Research Institute for Linguistics (Hungary); Istituto di Linguistica Computazionale (Italy); Romanian Academy- RACAI, Romania; Adam Mickiewicz University, School of English (Poland); Jožef Stefan Institute – Slovenia; Warsaw University, Institute of Oriental Studies (Poland); Institute of Bulgarian Language, Bulgarian Academy of Sciences (Bulgaria); INALF /CNRS (France); Swedish Academy (Sweden); Computational Linguistics Laboratory, Faculty of Education (Slovakia); Centre of Cognitive Sciences (UK); University Vytauti Magni (Lithuania); Institute of Linguistics and Literature (Albania); Institute of Mathematics and Computer Science (Letonia).
24. **TELRI-II** -*Trans-European Language Resources Infrastructure* (1998-2001); (proiect european Inco-Copernicus PL977085) (responsabil: Ioan Dan Tufiş),
Parteneri: Institut für Deutsche Sprache (Germany); University of Birmingham, School of English (United Kingdom); Research Institute for Linguistics (Hungary); Istituto di Linguistica Computazionale (Italy); Romanian Academy- RACAI, Romania; Adam Mickiewicz University, School of English (Poland); Warsaw University, Institute of Oriental Studies (Poland); Institute of Bulgarian Language, Bulgarian Academy of Sciences (Bulgaria); INALF - CNRS (France); Department of Swedish Academy (Sweden); University „A.I.Cuza”, Romania; Computational Linguistics Laboratory, Faculty of Education (Czech Republic); Centre of Cognitive Sciences (UK); University Vytauti Magni (Lithuania); Institute of Linguistics and

Literature (Albania); Institute of Mathematics and Computer Science (Letonia) (<http://telri.nytud.hu/>)

25. **CADBF** - *Construction Automatique de Dictionnaire Bilingue Franco-Roumain* (AUPELF-UREF) (1999-2000) (responsabil: Ioan Dan Tufiş),
Parteneri: Research Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania; LIMSI/CNRS France.
26. **HEADGEN** - *Head-Driven Generator for Unification Grammars* (proiect de cercetare NATO, cu LIMSI - Paris) (1998) (responsabil: Ioan Dan Tufiş),
27. **CONCEDE** - *Consortium for Central European Dictionary Encoding* (INCO-Copernicus PL961142) (1997-1999) (responsabil: Ioan Dan Tufiş),
Parteneri: ITRI University of Brighton; Xerox Research Centre Europe; Bulgarian Academy of Sciences; Jozef Stefan Institute; University of Tartu; Hungarian Academy of Science; RACAI- Romanian Academy; Charles University.
28. **AUPELF-UREF** finantat de guvernul Frantei; experimenteaza masina de extractie a dictionarelor bilingve (roman-francez) reversibile, pe bazele unui corpus paralel (1996-1998) (responsabil: Ioan Dan Tufiş).
29. **ILPNET2** - *Network of Excellence in Programming Pan-European Scientific Network* (1998-2002) (responsabil: Ioan Dan Tufiş).
30. *Using Multistrategy Learning as a Framework for Building Knowledge-Based Systems* (proiect bilateral cu Universitatea George Mason) (1998-1999) (responsabil: Ioan Dan Tufiş).
31. **AMASE** - *Agent-based Mobile Access to Information Services* (proiect european IAC346) (1998-1999) (responsabil: Ioan Dan Tufiş);
Parteneri: T-Nova Deutsche Telekom Innovationsgesellschaft mbH Berkorn, Germany; Technical University of Berlin DAI Laboratory, Germany; Rheinisch Westfälische Technische Hochschule, Germany; SIEMENS AG, Germany; SONY Int. Europe, Germany; Centre de Research, France; TECSI SA established in France; Space Hellas S.A, Greece; University College of London, Great Britain; Romanian Academy Centre for Artificial Intelligence, Romania. (<http://www.cordis.lu/infowin/acts/rus/projects/ac346.htm>)
32. **Internet Laboratory** (Grant Mellon Foundation) (1994-1998) (responsabil: Ioan Dan Tufiş);
Parteneri: International Centre for Advanced Studies in Information Technology (Washington, SUA); School of Information Technology and Engineering, George Mason University; Romanian Academy, ICIA
33. **ELSNET Goes EAST** - *European Network of Excellence in Human Language Technologies* (proiect european COPERNICUS #200 cu **9 parteneri**) (1996-1998) (<http://www.elsnet.org/>)(responsabil: Ioan Dan Tufiş).



34. **LIMSI/CNRS** finantat de NATO; cercetare fundamentala in generarea de modele cognitive ale limbajului natural (1996-1998).

35. **TELRI** (proiect COPERNICUS #1202) (1996-1998) (responsabil: Ioan Dan Tufiş);

Parteneri: Institut für Deutsche Sprache (Germany); University of Birmingham, School of English (United Kingdom); Research Institute for Linguistics (Hungary); Istituto di Linguistica Computazionale (Italy); Romanian Academy- RACAI, Romania; Adam Mickiewicz University, School of English (Poland); Warsaw University, Institute of Oriental Studies (Poland); Institute of Bulgarian Language, Bulgarian Academy of Sciences (Bulgaria); INALF - CNRS (France); Department of Swedish Academy (Sweden); Computational Linguistics Laboratory, Faculty of Education (Czech Republic); Charles University (Czech Republic); Centre of Cognitive Sciences (UK); University Vytauti Magni (Lithuania); Institute of Linguistics and Literature (Albania); Institute of Mathematics and Computer Science (Letonia).

36. **TELRI-I** - *Trans-European Language Resources Infrastructure* (EC Concerted Action) (1995-1997) (responsabil: Ioan Dan Tufiş).

37. **MULTEXT-EAST** - *Multilingual Text Tools and Corpora for Central and Eastern European Languages* (proiect european COPERNICUS #106 cu **7 parteneri**) (1995-1998) (responsabil: Ioan Dan Tufiş).

38. **PAIL** - *Portable AI Lab* (proiect SNFR-SCOPES) (1993-1994) (responsabil: Ioan Dan Tufiş),

Parteneri: Institute for Artificial Intelligence, Lugano, Elveția; Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania.

39. **EGLU** - *Mediu integrat de dezvoltare a resurselor lingvistice reversibile în formalisme bazate pe unificare* (proiect SNFR-SCOPES) (1993-1994) (responsabil: Ioan Dan Tufiş);

Parteneri: Universitatea din Geneva; Institute for Artificial Intelligence, Romanian Academy, Bucharest, Romania

40. **KRIL** - *Knowledge-based Interlingual Generator* (proiect bilateral cu Institutul ISSCO, Geneva, Elvetia) (1993-1994) (responsabil: Ioan Dan Tufiş).

41. **ELSNET** - *European Network of Excellence in Human Language Technologies* (proiect ESPRIT #6295), (1993-1996) (responsabil: Ioan Dan Tufiş);

Parteneri: Anglia (University of Edinburgh) și Olanda (University of Utrecht)

Conferințe organizate de către institut:

- Ediția a VI-a a Conferinței “Resurse lingvistice și instrumente pentru prelucrarea limbii române”, București, Muzeul Literaturii Române, 6 - 7 mai, 2010 <http://consilr.info.uaic.ro/consilr2010/>
- Atelierul de lucru al Comisiei de Informatizare pentru Limba Română, Muzeul Literaturii Române, 8-10 mai 2010;
- Seminarul Internațional *MULTILINGUAL WEB ICIA*, Bucuresti, 1-2 iunie, 2010;
- Conferința *PROMISE (Processing ROmanian in Multilingual, Interoperable and Scalable Environments)* împreună cu Universitatea “A.I. Cuza”, Iași, 29-31 martie, 2010 - <http://profs.info.uaic.ro/~promise2010/>
- Cea de-a IV-a ediție a Conferinței dedicată infrastructurii naționale de date spațiale, București, 10 Decembrie 2009, Biblioteca Academiei Române - „Date, servicii și metadata, principalele componente ale infrastructurii naționale de date spațiale”, în colaborare cu Agenția Spațială Română și Administrația Națională de Meteorologie
- Seminarului Internațional al Uniunii Latine "Instrumente pentru asistarea traducerii", Academia Română, București, 28-29 februarie, 2008 (ICIA organizator)
- KM 03 “3rd International Conference on Knowledge Management – Project, Systems and Technologies”, 23-25 octombrie 2008, Academia de Științe Economice, București (ICIA co-organizator)
- "Resurse lingvistice si instrumente pentru prelucrarea limbii romane" 19-21 NOIEMBRIE 2008, Iasi, <http://consilr.info.uaic.ro/~consilr/consilr2008/>
- International Workshop "From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence", during May 15-17, 2008, Baile Felix, Oradea, Romania <http://www.iccc.univagora.ro/iccc-2008/?page=workshop>
- *Instrumente pentru asistarea traducerii* (2008) sub patronajul Academiei Române și al Comisarului European Leonard Orban, Directorului General al Direcției de Traduceri a Uniunii Europene Juhani Lönnroth, a numeroși academicieni, specialiști și reprezentanți ai mass-media
- Conferința Internațională „Tehnologii pentru consolidarea infrastructurilor de date spațiale”, Biblioteca Academiei Române, București, 11-12 dec, 2008 (alături de Agenția Spațială Română și Administrația Națională de Meteorologie și Hidrologie),
- *Tehnologiile lingvistice, prioritate a prezentului și necesitate a viitorului: contribuții, direcții de acțiune și proiecte românești* (2007) cu participarea Comisarului European Leonard Orban, a Ministrului Cercetării Anton Anton, a numeroși academicieni, specialiști și reprezentanți ai mass-media
- *Resurse Lingvistice Românești si Instrumente pentru Prelucrarea Limbii Române*, 14 - 15 decembrie 2007, Iași <http://consilr.info.uaic.ro/consilr/ro/atelier2007/>
- Workshopul internațional „*Infrastructures and Engineering for Knowledge Society*”, 11 – 12 Dec. 2007, sala “Ion Heliade Rădulescu”, Biblioteca Academiei Române, București, România (ICIA organizator)

- Workshopul internațional *Intelligent Embedded Systems*, 20 iulie 2006, sala “Ion Heliade Rădulescu”, Biblioteca Academiei Române, București, România (<http://www.racai.ro/events/WS2/WS2.htm>) (ICIA organizator)
- Workshopul internațional *IST-Multidisciplinary Approaches*, 27 iunie 2006, sala “Ion Heliade Rădulescu”, Biblioteca Academiei Române, București, România (<http://www.racai.ro/events/WS1/WS1.htm>) (ICIA organizator)
- Workshop „Organizarea Grupului Român pentru Platforma Tehnologică ARTEMIS”, București, România, 3 noiembrie 2006, ANCS (ICIA organizator)
- *International Conference Knowledge Management – Projects, Systems and Technologies*, November 9-10, 2006, ASE, Bucharest, Romania (<http://km-conference.pm.org.ro/>) (ICIA co-organizator)
- Simpozionul internațional *Intelligent and Interactive Systems to Manage the Public Administration's Relation with Citizens and Business Environment*, 29 noiembrie 2006, ASE (ICIA co-organizator)
- Simpozionul internațional *Intelligent Public Services for EU Citizens in modern Society Based on ICT*, 30 noiembrie 2006, ASE (ICIA co-organizator)
- Întâlnirea de lucru a proiectului internațional AUF *Collocations in Context*, 26-28 octombrie, ICIA București (ICIA organizator)
- Workshopul național *Resurse și instrumente de prelucrare a limbii române*, 3-4 noiembrie 2006, Universitatea „A.I. Cuza”
- A treia Conferință Internațională „*Speech and Dialogue Systems*” SPED’2005, 13-14 mai, 2005, Cluj-Napoca (ICIA Co-organizator)
- A șaptea ediție bianuală a Școlii Internaționale de Vară *EUROLAN’2005*, 24 iulie - 6 august 2005, Cluj-Napoca (ICIA Co-organizator)
- Sesiunea de Poster-uri „*European Projects with Romanian Partners*” organizată cu ocazia Școlii Internaționale de Vară *EUROLAN’2005*, 5 August, Cluj-Napoca (ICIA Co-organizator)
- Workshopul internațional „*Romance FrameNet*”, 26-28 iulie, 2005, Cluj-Napoca (ICIA Co-organizator)
- Simpozionul Internațional „*Organizational Learning and Knowledge Work Management*”, 13 octombrie, 2005, București (ICIA organizator)
- Masă Rotundă cu tema: “*Instrumente pentru construirea mediului inteligent interactiv*”, în cadrul Celei de a doua ediții a Conferinței Naționale în domeniul Interacțiunii Om-Calculator, ROCHI’2005, septembrie 2005, Cluj-Napoca (ICIA organizator)
- Simpozionul național (cu participare internațională din Italia, Germania, Franța și SUA) „Resurse lingvistice și instrumente pentru prelucrarea limbii române”, 3 noiembrie, 2005
- Masă Rotundă cu tema: “*e-Learning Tools for building the intelligent interactive environment*”, în cadrul simpozionului internațional „Organizational Learning and Knowledge Work Management”, October 13, 2005, (ICIA organizator)

Oaspeți din străinătate care au vizitat institutul

1. ERCIM	Richard Ishida – W3C
2. ERCIM	Céline Bitoune
3. BIOLOOM	Jörg Schütz
4. CNR	Nicoletta Calzolari
5. CNR	Monica Monachini
6. CNR	Andrea Marchetti
7. FACEBOOK	Chiara Pacella
8. UAS	Felix Sasaki
9. IJS	Tadej Štajner (deputy of Marko Grobelnik)
10. LTC	Adriane Rinsche
11. LIONBRIDGE	Eric Blassin
12. LIONBRIDGE	Claudio Chiavetta
13. MIBEOSOFT	Dag Schmidtke
14. MIBEOSOFT	Jan Nelson
15. OPERA	Pål Eivind Jacobsen Nes
16. SAP AG	Christian Lieske
17. TAUS B.V.	Rahzeb Choudhury
18. AALTO (TKK)	Timo Honkela
19. UO	Christina Valdez-Telecable
20. UPM	Luis Bellido Triana
21. UoL	Reinhard Schaler
22. VEVF	Jirka Kosek
23. WELOCALIZE	David Clarke
24. XML-INTL LTD.	Andrzej Zydron
25. European Commission – DGT LUX	M. T. Carrasco Benitez
26. European Commission –LUX	Kimo Rossi
27. Univ. Stuttgart	Prof. Ulrich Heid
28. Univ. Strasbourg	Dr. Chris Glenhill
29. Institutul Josef Stefan din Ljubljana Slovenia	Darja Fišer
30. Directoratul General de Cercetare al Comisiei Europene	Hugh Richardson – Director General Adjunct
31. Șeful Unității nr. 5 „Politica de Cooperare Științifică Internațională” a Comisiei Europene	Luis Bellemin
32. Universitatea din Tubingen	Prof. Erhard Hinrichs
33. Institutul Fraunhofer	Dr. Sibylle Hermann
34. Head of Unit F2 - Future and Emerging Technologies (FET) - Open DG Information Society & Media European Commission	Ales Fiala
35. Head of Unit FET-Proactive	Wolfgang Boch



- | | |
|--|--------------------------|
| 36. Univ. Stuttgart | Prof. Amalia Todirascu |
| 37. Univ. Stuttgart | Prof. Francois Rousselot |
| 38. Vicepreședinte SUTRON, SUA | Dr. Thomas N. Keefer |
| 39. Director – Telecom Practice, SUA | Dr. Raymond E. Barber |
| 40. Consultant, Olanda | Jan Polman |
| 41. Consultant, Olanda | Floris de Bree |
| 42. Univ. Strasbourg | Prof. Amalia Todirascu |
| 43. JRC, Ispra, Italy | Dr. Camelia Ignat |
| 44. Univ. Hambourg | Prof. Walter von Hahn |
| 45. MIT | Prof. Ivan Sag |
| 46. MIT, Univ. of Washington | Dr. Marina Meilă |
| 47. Badegruber & Partner GmbH -
CLICK&LEARN | Erich Herber |

22 noiembrie 2010

**DIRECTOR ICIA,
Prof. Dr. Ing. Ioan Dan Tufiș,
Membru Corespondent al Academiei Române**