

LISTA DE LUCRĂRI

A. Teza (tezele) de doctorat:

- 2013-2016 - doctorat în Informatică, cotutelă Facultatea de Informatică, Universitatea "Alexandru Ioan Cuza" din Iași și Institutul de Cercetare pentru Inteligență Artificială "Mihai Drăgănescu", Academia Română. Titlu: Lexical Semantics in Text Processing. Contrastive Diachronic Studies on Romanian Language.
- 2004-2010 - doctorat în Filosofie (cu implementare aplicație de analiză a discursului politic), Universitatea "Alexandru Ioan Cuza" din Iași. Titlu: Discursul presei scrise și violența simbolică. Analiza unei campanii prezidențiale.

B. Cărți de specialitate publicate în edituri recunoscute, prin care se aduc contribuții la dezvoltarea activității profesionale:

- Florin Gheorghe Filip, Vasile Apopei, **Daniela Gîfu** (coordinating editors). **Information Science and Technology in Romania**, Publishing House of the Romanian Academy, 2024, 256p., ISBN 978-973-27-3869-6
- Anca Vasilescu, **Daniela Gîfu**, Dan Tufiş, Dan Cristea (eds.). [Proceedings of the 18th International Conference Linguistic Resources and Tools for Processing the Romanian Language](#), ConsILR-2023, 11-14 Dec. 2023, Braşov, Romania, "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2024, 249p., ISSN/ISSN-L: 3045-2074, indexed by CNCSIS.
- Vasile Apopei, Silviu Bejinariu, Monica Fira, **Daniela Gîfu** (coord.). **Leave Some Fruits to the Birds of the Sky / Lasă câteva fructe și păsărilor cerului: volum dedicat domnului academician Horia-Nicolai Teodorescu**, Ed. Academiei Române, 2023, 220p., ISBN 978-973-27-3733-0.
- Kevin Cohen, **Daniela Gîfu**, Youzhu Li, Jingbo Xia, Anna Ripple (eds.). [Special Issue "Curative Power of Medical Data 2020"](#). In *Future Internet Journal*, the section "Big Data and Augmented Intelligence". MDPI, 2020-2021, 40p, ISSN: 1999-5903, citescore 6.7, (impact factor = 3.45), Scopus.
- **Daniela Gîfu**, Bogdan Aman, Adrian Iftene, Diana Trandabăţ (eds.). **Proceedings of the 5th Conference on Mathematical Foundations of Informatics**, "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2019, 389p., ISBN: 978-606-714-481-9.
- Dan Cristea, **Daniela Gîfu**, Diana Trandabăţ (eds.). **BringITon! 2018 Catalogue**, "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2018, 56p., ISSN: 2285-0929, ISSN-L: 2285-0929.
- Vasile Păiş, **Daniela Gîfu**, Diana Trandabăţ, Dan Cristea, Dan Tufiş (eds.). **Proceedings of the 13th International Conference Linguistic Resources and Tools for Processing the Romanian Language**, ConsILR-2018, 22-23 Nov. 2018, Iaşi, Romania, "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2018, 199p., ISSN: 1843-911X - under-indexing of ISI Web of Knowledge.
- **Daniela Gîfu**, Diana Trandabăţ (eds.). **Proceedings of the International Workshop on Curative Power of Medical Data - MEDA 2017**, selected papers of the 1st International Workshop MEDA 2017, a satellite event at the EUROLAN 2017 Summer School, Constanța, Romania, September 12-13, 2017, "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2018, 53p., ISBN 978-973-0-27069-3.
- Annalina Caputo, Nattiya Kanhabua, Pierpaolo Basile, Dimitris Gavrillis, Christos Papatheodorou, **Daniela Gîfu**, Diana Trandabăţ (eds.). **Proceedings of TDDL_MD_Futurity 2017 (1st Workshop on Temporal Dynamics in Digital Libraries, MDQual 2017: (meta)-**

data quality workshop and Futurity 2017: Workshop on Modeling Societal Future), [see](#), Vol. 2038, held at the 21st International Conference on Theory and Practice of Digital Libraries, TPDL 2017, Thessaloniki, Greece, September 18-21, 2018. CEUR-WS.org 2018, 128p., ISSN: 1613-0073 - indexed by DBLP.

- Diana Trandabăț, **Daniela Gîfu** (eds.). **Proceedings of the 3rd International Workshop on Social Media and the Web of Linked Data - RUMOUR 2017**, revised selected papers at the 3rd RUMOUR 2017 Workshop, held at the ACM/IEEE-CS Joint Conference on Digital Libraries, JCDL 2017, Toronto, Ontario, Canada, June 22, 2017, "Alexandru Ioan Cuza" University Publishing House, Iași, 2017, 53p., ISBN 978-973-0-24730-5.
- Dan Cristea, **Daniela Gîfu**, Diana Trandabăț (eds.). **BringITon! 2016 Catalogue**, "Alexandru Ioan Cuza" University Publishing House, Iași, 2016, 62p., ISSN: 2285-0929, ISSN-L: 2285-0929.
- Maria Mitrofan, **Daniela Gîfu**, Dan Cristea, Dan Tufiş (eds.). **Proceedings of the 12th International Conference Linguistic Resources and Tools for Processing the Romanian Language**, ConsILR-2016, 27-28 Oct. 2016, Malini, Romania, "Alexandru Ioan Cuza" University Publishing House, Iași, 2016, [pdf](#), 197p., ISSN: 1843-911X, indexed by CNCSIS.
- Diana Trandabăț, **Daniela Gîfu** (eds.). **Linguistic Linked Open Data**, 12th EUROLAN 2015 Summer School and RUMOUR 2015 Workshop, Sibiu, Romania, July 13-25, 2015, Revised Selected Papers, [SPRINGER](#). In: Communications in Computer and Information Science 588, 2016, 155p., ISSN 1865-0929, ISSN 1865-0937 (electronic), ISBN 978-3-319-32941-3, ISBN 978-3-319-32942-0 (eBook), DOI: 10.1007/978-3-319-32942-0.
- **Daniela Gîfu**, Diana Trandabăț, Dan Cristea, Dan Tufiş (eds.). **Proceedings of the 11th International Conference Linguistic Resources and Tools for Processing the Romanian Language**, ConsILR-2015, 26-27 Nov. 2015, Iași, Romania, "Alexandru Ioan Cuza" University Publishing House, Iași, 2015, [pdf](#), 215p., ISSN 1843-911X, indexed by CNCSIS.
- Lenuța Alboaie, Dan Cristea, Corina Forăscu, **Daniela Gîfu**, Adrian Iftene (eds.). **BringITon! 2014 Catalogue**, "Alexandru Ioan Cuza" University Publishing House, Iași, 2014, 68p., ISSN: 2285-0929, ISSN-L: 2285-0929.
- Florin Smarandache, Ștefan Vlăduțescu, **Daniela Gîfu**, Alina Țenescu (eds.), **Topical communication uncertainties**, Sitech, Craiova and & Zip Publishing, Ohio/SUA, 2014, [pdf](#), 230p., ISBN 978-606-11-4225-5 & 9781599739830.
- **Daniela Gîfu. Temeliile Turnului Babel**. O perspectivă integratoare asupra discursului politic, Ed. Academiei Române, București, 2013, 284p., ISBN 978-973-272-1827
- Lenuța Alboaie, Dan Cristea, Corina Forăscu, **Daniela Gîfu** (eds.), **Bring IT-on! 2012 Catalog**, Ed. Universității "Alexandru Ioan Cuza" din Iași, 2012, 58p., ISSN: 2285-0929, ISSN-L: 2285-0929
- **Daniela Gîfu**. **Violența simbolică în discursul electoral**, Casa Cărții de Știință, Cluj-Napoca, 2011 398p., ISBN 978-973-133-989-4

C. **Articole/studii** publicate în reviste de specialitate de circulație internațională recunoscute sau în reviste de specialitate de circulație națională, recunoscute de CNCSIS:

- Pablo Flores Peña, Mohammad Sadeq Ale Isaac, **Daniela Gifu**, Eleftheria Maria Pechlivani, Ahmed Refaat Ragab. Unmanned Aerial Vehicle-Based Hyperspectral Imaging and Soil Texture Mapping with Robust AI Algorithms. In: *Drones Journal*, [see](#), 2025; 9(2), DOI: 10.3390/drones9020129, ISSN: 2504-446X, (impact factor = 2.8) - Rank Q1 (Aerospace Engineering), WOS:001467504800001
- **Daniela Gifu**, Covaci Silviu-Vasile. Artificial Intelligence vs. Human: Decoding Text Authenticity with Transformers. In: *Future Internet Journal*, [see](#), 2025; 17(1), 38, DOI: 10.3390/fi17010038, ISSN: 1999-5903, (impact factor = 2.8) - Rank Q1 - Computer Networks and Communications, WOS:001404110500001

- **Daniela Gifu.** Soft Sets Extensions: Innovating Healthcare Claims Analysis. In: *Applied Sciences Journal*, [see](#), 2024; 14(19):8799, DOI: 10.3390/app14198799, ISSN: 2076-3417, (impact factor = 2.5) - Rank Q1 - Engineering Multidisciplinary, WOS:001332201200001
- Mohammad Sadeq Ale Isaac, Pablo Flores Peña, **Daniela Gifu**, Ahmed Refaat Ragab. Advanced Control Strategies for Securing UAV Systems: A Cyber-Physical Approach. In: *Applied System Innovation Journal*, [see](#), 2024, 7(5):83, DOI: 10.3390/asi7050083, ISSN: 2571-5577, (impact factor = 3.8) - Rank Q2, WOS:001340898100001
- Speranța Cecilia Bolea, Mironela Pirnau, Silviu-Ioan Bejinariu, Vasile Apopei, **Daniela Gifu**, and Horia-Nicolai Teodorescu. Some Properties of Zipf's Law and Applications. In: *Axioms Journal*, Special Issue: Advances in Mathematical Methods in Signal Processing and Its Applications, 23.02.2024, 13(3):146. DOI: 10.3390/axioms13030146, ISSN 2075-1680, (impact factor = 1.9) - Rank Q1 - Mathematics, Applied, WOS:001191463000001.
- **Daniela Gifu.** Recognizing Weak Signals in News Corpora. In: Gelbukh, A. (eds) *Computational Linguistics and Intelligent Text Processing*, [see](#), Computational Linguistics and Intelligent Text Processing. LNCS, Vol. 13451, 2023, Springer-Verlag Berlin Heidelberg, pp. 73-85, DOI: 10.1007/978-3-031-24337-0_6 - Rank Q4.
- Rareș Chelmuș, **Daniela Gifu**, Adrian Iftene. Prediction of Cryptocurrency Market. In: Gelbukh, A. (eds) *Computational Linguistics and Intelligent Text Processing*, [see](#), Computational Linguistics and Intelligent Text Processing. LNCS, Vol. 13396, 2023, Springer-Verlag Berlin Heidelberg, pp. 17-29, DOI: 10.1007/978-3-031-23793-5_2 - Rank Q4.
- Dan Cristea, Ionuț Pistol, **Daniela Gifu**. Connecting the Content of Books to the Web and the Real World. In: Gelbukh, A. (eds) *Computational Linguistics and Intelligent Text Processing*, [see](#), Computational Linguistics and Intelligent Text Processing. LNCS, Vol. 13396, 2023, Springer-Verlag Berlin Heidelberg, pp. 50–61, DOI: 10.1007/978-3-031-23793-5_5 - Rank Q4.
- Fahad Khan, Christian Chiarcos, Thierry Declerck, **Daniela Gifu**, Elena González-Blanco García, Jorge Gracia, Max Ionov, Penny Labropoulou, Francesco Mambrini, John McCrae, Émilie Pagé-Perron, Marco Passarotti, Salvador Ros, Ciprian-Octavian Truica. When Linguistics Meets Web Technologies. Recent Advances in Modelling Linguistic Linked Open Data. In: *Semantic Web Journal*, Tracking #: 2859-4073, Vol. 13, issue 6, pp. 987-1050, 2022, IOS Press, ISSN 1570-0844, eISSN 2210-4968, DOI: 10.3233/SW-222859, indexed by Scopus, DBLP, ACM Digital Library, (impact factor = 3.105) - Rank Q2 ([yellow zone](#)), WOS:000862910800005
- Sheng Zhang, Qi Luo, Yukun Feng, Ke Ding, **Daniela Gifu**, Silan Zhang, Xiaohang Ma, Jingbo Xia. **Keyphrase Extraction by Improving TextRank with an Integration of Word Embedding and Syntactic Information.** In Journal: *Recent Advances in Computer Science and Communications, Formerly Recent Patents on Computer Science*, open access, Vol. 14, Issue 9, 2021, pp. 2987 - 2993, Bentham Science, DOI: 10.2174/2666255813999200820155846
- Youzhu Li, Huiling Zhou, Zhonglong Lin, Yifan Wang, Shunjie Chen, Chang Liu, Zhouyang Wang, **Daniela Gifu**, Jingbo Xia. **Investigation in the Influences of Public Opinion Indicators on Vegetable Prices by Corpora Construction and WeChat Article Analysis.** In: *Future Generation Computer Systems (FGCS)*, 01/2020, Vol. 102, pp. 876-888, 978p, ELSEVIER, Citation Impact (citeScore): 6.3, ISSN: 0167-739X, DOI:<https://doi.org/10.1016/j.future.2019.07.016> – Rank A (Q1) - ISI Web of Science (impact factor = 6.125) WOS:000501936300071.
- **Daniela Gifu**, Alex Moruz, Cecilia Bolea, Anca Bibiri, Maria Mitrofan. **The Methodology of Building CoRoLa.** In: *Revue Roumaine de Linguistique (Romanian Review of Linguistics)*/ On design, creation and use of of the Reference Corpus of Contemporary Romanian and its analysis tools. CoRoLa, KorAP, DRuKoLa and EuReCo / Conception, création et utilisation du Corpus de Référence du Roumain Contemporain et de ses outils d'analyse. CoRoLa, KorAP, DRuKoLa et EuReCo, Ruxandra Cosma and Marc Kupietz (eds.), Vol. 64, Issue 3, 2019, pp. 241-253,

Publishing House of the Romanian Academy, ISSN: 0035-3957 – Scopus, ISI Web of Science (impact factor = 0.25) WOS:000515071800003 (Q4)

- **Daniela Gifu**, Diana Trandabăț, Kevin Cohen, Jingbo Xia. **Special Issue on the Curative Power of Medical Data**. In: *Data Journal*, open access, 4(2), 85, 2019, MDPI, eISSN: 2306-5729, DOI: 10.3390/data4020085 – Scopus, Emerging Sources Citation Index (ESCI), Inspec (IET), ISI Web of Science, WOS:000475303500039
- Mihaela Onofrei, Diana Trandabăț, **Daniela Gifu**. Towards Identifying Author Confidence in Biomedical Articles. In: *Data Journal*, open access, Jamal Jokar Arsanjani et al. (eds.), 4(18), 2019, Special Issue on the Curative Power of Medical Data, D. Trandabat, D. Gifu, K. Cohen, J. Xia (guest eds.), pp. 1-12, ISSN 2306-5729, DOI: 10.3390/data4010018 – Scopus, Emerging Sources Citation Index (ESCI), Inspec (IET), ISI Web of Science, WOS:000464355900001
- Jinbo Chen, Huiling Zhou, Hongyu Hu, Yan Song, **Daniela Gifu**, Youzhu Li, Ye Huang. Research on Agricultural Monitoring System based on Convolutional Neural Network. In: Future Generation Computer Systems. In: *Future Generation Computer Systems* (FGCS), 11/2018, vol. 88, pp. 271-278, ELSEVIER, Citation Impact (citeScore): 5, ISSN: 0167-739X, DOI: 10.1016/j.future.2018.05.045 – ISI Web of Science (impact factor = 5.768) WOS:000444360400025 – Rank A (Q1)
- **Daniela Gifu**, Lucian-Ionel Cioca. Detecting Bridge Anaphora. In: *International Journal of Computers Communications and Control*, I. Dzitac, F.G. Filip, M.-J. Manolescu (eds.), Vol. 12(2)/2017 (Apr.), Agora University Editing House, pp. 217-226, ISSN: 1841-9836 – Scopus, ISI Web of Science (impact factor = 1.29), WOS:000395506500005 - Rank C (white zone)
- Dan Cristea, **Daniela Gifu**, Mihai-Alex Moruz, Mihaela Onofrei, Laura Pistol, Liviu-Andrei Scutelnicu, Speranța-Cecilia Bolea. An Insight into the Corpus of Contemporary Romanian. In: *Memoirs of the Scientific Sections / Memoriile Secțiilor Științifice*, Series IV, Tome XL, 2017, Publishing House of the Romanian Academy, pp. 67-84, ISSN: 1224-1407, ISSN (online): 2343-7049 – DOAJ, Zentralblatt MATH, Index Copernicus Journals Master List, Mathematical Reviews, Buletin of the American Mathematical Society, etc.
- Dan Tufiș, Dan Cristea, **Daniela Gifu**. The EUROLAN-2015 Summer School „Linguistic Linked Open Data” (LLOD). In: *Academica*, nr. 8-9, Aug-Sept. 2015, Ed. Academiei Române, București, România, pp. 36-38, 100p., ISSN 1220-5737 – CNCSIS
- **Daniela Gifu**, Marius Cioca. Detecting Emotions in Comments on Forums. In: *International Journal of Computers Communications and Control*, I. Dzitac, F.G. Filip, M.-J. Manolescu (eds.), Vol. 9, no. 6/2014 (Dec.), Agora University Editing House, pp. 694-702, ISSN 1841-9836, eISSN 1841-9844, Rank C (Q4) – Scopus, ISI Web of Science (impact factor = 1.179), WOS:000343688400004
- **Daniela Gifu**. Italian Political Discourse Analysis. Opinion and Feeling. In: *International Journal of Communication Research*, Vol. 3(1), January/March 2013, pp. 40-52, 90p., ISSN: 2246-9265 - EBSCO and PROQuest.
- **Daniela Gifu**, Dan Cristea. Towards an Automated Semiotic Analysis of the Romanian Political Discourse. In: *Computer Science Journal of Moldova*, Vol. 21, no. 1(61), April 2013, pp. 36-64, 156p., ISSN: 1561-4042 – DBLP, ISI Web of Science, WOS:000433485300002

D. **Articole/studii** publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISI și/sau BDI); Articole/studii publicate în volumele unor manifestări științifice naționale:

- Delia-Iustina Grigoriță, Tudor-Constantin Pricop, Sergio-Alessandro Șuteu, **Daniela Gifu**, and Diana Trandabăț. FII the Best at SemEval 2025 Task 2: Steering State-of-the-art Machine Translation Models with Strategically Engineered Pipelines for Enhanced Entity Translation. In: [Proceedings of the 19th International Workshop on Semantic Evaluation \(SemEval-2025\)](#), Sara Rosenthal, Aiala Rosá, Debanjan Ghosh, Marcos Zampieri (Eds.), Association for Computational Linguistics, Vienna, Austria, 2025, pp. 558–565

- **Daniela Gifu**. Exploring the Potential of E-Learning in Economic Crisis Prediction. In: *Proceedings of the INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING – ICVL 2025*, VIRTUAL LEARNING – VIRTUAL REALITY, C. E. Cîrnu and E. M. Ciupercă (eds.), Vol. 20 / 2025, pp. 143-154, [see](#), ICI Publishing House.
- Dan Cristea, **Daniela Gifu**, Andrei Scutelnicu and Cecilia Bolea. Are Generative Pre-trained Transformers All We Can Do if We Want to Have a Smart Machine? In: *Linguistic Resources and Tools for Natural Language Processing*, Proceedings of the 19th International Conference, A. Baci (Birluțiu), D. Nagy-Onița, D. Tufiş, D. Cristea (eds.), "Alexandru Ioan Cuza" University Publishing House, Iași, 2025, pp. 203-220
- Claudiu Creanga, Liviu P. Dinu, **Daniela Gifu**. Fine-Tuning Models for Biomedical Relation Extraction. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 246, 2024, pp. 21002109, ISSN 1877-0509. DOI: 10.1016/j.procs.2024.09.637
- Nicoleta Luca, **Daniela Gifu**, Diana Trandabat. Emotion Contextual Fusion Network: a Simple yet Versatile Approach for Emotion Recognition in Textual Conversations. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 246, 2024, pp. 3218-3225, ISSN 1877-0509. DOI: 10.1016/j.procs.2024.09.318
- Florentin Smarandache, **Daniela Gifu**. SoftSets Extensions used in Bioinformatics. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 246, 2024, pp. 2185-2193, ISSN 1877-0509. DOI: 10.1016/j.procs.2024.09.604
- Mohamed Ale Isaac, Pablo Pena, **Daniela Gifu**, Ahmed Ragab. Nuntis Helicopter: A New Drone in Construction Industry. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 246, 2024, pp. 199-207, ISSN 1877-0509. DOI:10.1016/j.procs.2024.09.266
- Mihaela Alexandru, Călina-Georgiana Ciocoiu, Ioana Măniga, Octavian Ungureanu, **Daniela Gifu**, and Diana Trandabăț. LinguisTech at SemEval-2024 Task 10: Emotion Discovery and Reasoning its Flip in Conversation. In: *Proceedings of the 18th International Workshop on Semantic Evaluation*, SemEval-2024, Atul Kr. Ojha, A. Seza Doğruöz, Harish Tayyar Madabushi, Giovanni Da San Martino, Sara Rosenthal, Aiala Rosá (Eds.), Association for Computational Linguistics, Mexico City, Mexico, 2024, pp. 412-419, WOS:001356736800064.
- Florentina Armaselu, Chaya Liebeskind, Paola Marongiu, Barbara McGillivray, Giedre Valunaite Oleskeviciene, Elena-Simona Apostol, Ciprian-Octavian Truica and **Daniela Gifu**. LLODIA: A Linguistic Linked Open Data Model for Diachronic Analysis. In: Christian Chiarcos, Katerina Gkirtzou, Maxim Ionov, Fahad Khan, John P. McCrae, Elena Montiel Ponsoda, Patricia Martín Chozas (Editors), *Proceedings of the 9th Workshop on Linked Data in Linguistics @ LREC-COLING 2024*, Association for Computational Linguistics, Torino, Italy, ELRA and ICCL, 2024, pp. 1-10
- Speranța Cecilia Bolea, Mironela Pirnau, Silviu-Ioan Bejinariu, Vasile Apopei, **Daniela Gifu**, and Horia-Nicolai Teodorescu. Some Properties of Zipf's Law and Applications. In: *Axioms* Journal, Special Issue: Advances in Mathematical Methods in Signal Processing and Its Applications, 23.02.2024, 13(3):146. DOI: 10.3390/axioms13030146, (impact factor = 1.9) - Rank Q1 - Mathematics, Applied, WOS:001191463000001.
- **Daniela Gifu**, Dan Stoica. This Makes Me Laugh. Does It Make You Laugh, too?. In: *Linguistic Resources and Tools for Natural Language Processing*, Proceedings of the 18th International Conference, A. Vasilescu, D. Gifu, D. Tufiş, D. Cristea (eds.), "Alexandru Ioan Cuza" University Publishing House, Iași, 2024, [see](#), pp. 177-186. DOI:10.47743/ConsILR2023.13
- **Daniela Gifu**, Romeo Bosneagu, Iulius Liviu Rusu. Multi-use Floating Platform for Emergency Situations. In: H.-N. Costin et al. (Eds.): *Advances in Digital Health and Medical Bioengineering, Proceedings of the 11th International Conference on E-Health and Bioengineering*, EHB-2023, Volume 1: Medical Devices, Measurements, and Artificial Intelligence Applications, [see](#), pp. 311-319, 2024, SPRINGER. DOI: 10.1007/978-3-031-62502-2_36, WOS:001326807700036.

- Florentina Armaselu, Barbara McGillivray, Chaya Liebeskind, Giedre Valunaite-Oleskeviciene, Andrius Utkas, **Daniela Gifu**, Anas Fahad Khan, Elena-Simona Apostol, Ciprian-Octavian Truica. Workflow Reversal and Data Wrangling in Multilingual Diachronic Analysis and Linguistic Linked Open Data Modelling. In: Sara Carvalho, Anas Fahad Khan, Ana Ostroški Anić, Blerina Spahiu, Jorge Gracia, John P. McCrae, Dagmar Gromann, Barbara Heinisch, Ana Salgado (Editors), [Proceedings of the 4th Conference on Language, Data and Knowledge](#), LDK 2023, Association for Computational Linguistics, NOVA CLUNL, Portugal, 2023, pp. 410–416
- Diana Trandabat, **Daniela Gifu**. Discriminating AI-generated Fake News. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 225, 2023, pp. 3822-3831, ISSN 1877-0509. DOI: 10.1016/j.procs.2023.10.378
- Liviu Dinu, Elena Casiana Fusu, **Daniela Gifu**. Veracity Analysis of Romanian Fake News. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 225, 2023, pp. 3303-3312, ISSN 1877-0509. DOI: 10.1016/j.procs.2023.10.324
- Ferucio-Laurentiu Țiplea, Cristian Hristea, **Daniela Gifu**. Efficient RFID Scheme in Healthcare Systems. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 225, 2023, pp. 3996-4005, ISSN 1877-0509. DOI: 10.1016/j.procs.2023.10.395
- Romeo Bosneagu, Iulius Liviu Rusu, **Daniela Gifu**, Ionut Cristian Scurtu, Sergiu Lupu, Carmen Elena Lupu, Daniel Daneci Patrau, Carmen Elena Coca. Crowdsourcing in Biomedicine using a Multi-use Floating Platform. In: *Procedia Computer Science*, open access journal, [see](#), ELSEVIER, Vol. 225, 2023, pp. 1937–1946, ISSN 1877-0509. DOI: 10.1016/j.procs.2023.10.184
- **Daniela Gifu**. An Intelligent System for Detecting Fake News. In: *Procedia Computer Science*, open access journal, [see](#), edited by Yong Shi, ELSEVIER, Vol. 221, 2023, pp. 1058-1065, DOI: 10.1016/j.procs.2023.08.088
- Mihai Volosincu, Cosmin Lupu, **Daniela Gifu**, Diana Trandabat. FII SMART at SemEval 2023 Task7: Multi-evidence Natural Language Inference for Clinical Trial Data. In: [Proceedings of the 17th International Workshop on Semantic Evaluation](#), SemEval-2023, Association for Computational Linguistics, Toronto, Canada, 2023, pp. 212-220, WOS:001281001900029.
- Andra Oica, **Daniela Gifu**, Diana Trandabat. Togedemaru at SemEval-2023 Task 8: Causal Medical Claim Identification and Extraction from Social Media Posts. In: [Proceedings of the 17th International Workshop on Semantic Evaluation](#), SemEval-2023, Association for Computational Linguistics, Toronto, Canada, 2023, pp. 913-921, WOS:001281001900125.
- Viorica-Camelia Lupancu, Alexandru-Gabriel Platica, Cristian-Mihai Rosu, **Daniela Gifu**, Diana Trandabat. FII_Better at SemEval-2023 Task 2: MultiCoNER II Multilingual Complex Named Entity Recognition. In: [Proceedings of the 17th International Workshop on Semantic Evaluation](#), SemEval-2023, Association for Computational Linguistics, Toronto, Canada, 2023, pp. 1107-1113, WOS:001281001900152.
- Eugen Pop, Miruna-Elena Iliuță, Nicolae Constantin, **Daniela Gifu** and Alexandru Dumitrașcu. Interoperability Framework for Cyber-Physical Systems Based Capabilities. In: *Proceedings of CSCS 2023*, IEEE, 2023, pp. 350-355, DOI: 10.1109/CSCS59211.2023.00062
- **Daniela Gifu**, Eugen Pop. Smart Solutions to Keep Your Mental Balance. In: *Procedia Computer Science. 9th International Conference on Information Technology and Quantitative Management*, open access journal, [see](#), edited by Yong Shi, ELSEVIER, Vol. 214, 2022, pp. 503–510, DOI: 10.1016/j.procs.2022.11.205
- **Daniela Gifu**, Radu Ciora. Language Identification Models for Short Medical Texts. In: *2022 International Conference on e-Health and Bioengineering*, EHB 2022, [see](#), IEEE Xplore, pp. 1-4, DOI: 10.1109/EHB55594.2022.9991579

- Radu Ciora, **Daniela Gîfu**. AI Based Solutions for the Language Identification. In: *Proceedings of the 17th International Conference Linguistic Resources and Tools for Processing the Romanian Language*, ConsILR-2022, Iasi, Romania, Cojocaru, S., Bobicev, V., Verlan, T., Tufiş, D., Cristea, D. (eds.), "Alexandru Ioan Cuza" University Publishing House, Iaşi, 2022, pp. 27-33
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- **Daniela Gîfu**, Dan Cristea. Computational Techniques in Political Language Processing: AnaDiP-2011. In: *Communications in Computer and Information Science*, Vol. 185 CCIS, Issue PART 2, J.J. Park, L.T. Yang, and C. Lee (Eds.) pp. 188-195, 2011, at the 6th International Conference on Future Information Technology, FutureTech 2011; Loutraki; Greece; 28-30 Jun. 2011, © Springer-Verlag Berlin Heidelberg, ISSN:1865-0929, ISBN: 978-364222308-2 – Scopus, ISI Web of Science, WOS:000307083200023
- **Daniela Gîfu**. Utilization of Technologies for Linguistic Processing in an Electoral Context: Method LIWC-2007. In: *Proceedings of the Communication, Context, Interdisciplinarity Congress*, I. Boldea (coord.), 19-20 Nov. 2010, vol. 1, “Petru Maior” University Publishing House, Târgu-Mureş, pp. 87-98, 347p., ISSN 2069-3389 - ISI Web of Science, WOS:000329205700011

E. Proiecte de cercetare-dezvoltare pe bază de contract/grant:

- 2025-2026 - *Instrumente pentru prelucrarea textelor online specifice diplomației culturale și științifice* - [ROT-SCUD](#). Proposal Reference: Programul AOSR Știință-Cultură-Diplomație pentru România Romanian program Science – Culture – Diplomacy (RO-SCUD) – **Coordonator**.
- 2024-2028 - *COST Action CA23147* - [GOBLIN](#). Proposal Reference: OC-2023-1-26835 “Global Network on Large-Scale, Cross-domain and Multilingual Open Knowledge Graphs” – **MC Member [Ro]**.
- 2020-2022 - Artificial Intelligence Models (Deep Learning) Applied in the Syntactic-Semantic Analysis of Old Romanian Language (Deep Learning for Old Romanian), abrev. DeLORo, PN-III-P1-1.2-PCCDI-2017-0818, Academia Română - filiala Iași (CO) împreună cu Universitatea “Alexandru Ioan Cuza” din Iași (UAIC) și Universitatea din București (UB) - **Membru al echipei CO (Cercetător Științific III)**
- 2019-2023 - COST Action CA18209, NexusLingarium. Proposal Reference: OC-2018-2-23228 “European network for Web-centred linguistic data science” - **MC Member [Ro]**
- 2019-2020 - Academic Writing Collection Network - AWICNET, subordonat proiectului Academic genres at the crossroads of tradition and internationalization: Corpus-based interlanguage research on genre use in student writing at Romanian universities - ROGER, Universitatea de Vest, Timișoara, România, SWISS National Science Foundation (ctr.no. IZ11Z0_16653) - **Micro Project Manager**
- 2019-2020 ROSE, Competitive project on Secondary Education of the Ministry of National Education (Grant Scheme for Universities - Learning Centers (SGCU-CI), with World Bank funds, Universitatea "Alexandru Ioan Cuza" din Iași – **Coordonator activități ale Facultății de Informatică**
- 2018-2020 - Resurse și tehnologii pentru dezvoltarea interfeței om-mașină pentru limba română - RETEROM, PN-III-P1-1.2-PCCDI-2017-0818, Institutul de Cercetare pentru Inteligența Artificială "MIHAI DRAGANESCU", al Academiei Române, Universitatea Tehnică Cluj-Napoca, Universitatea Politehnică din București și Universitatea "Alexandru Ioan Cuza" din Iași (partener) - **Membru al echipei (Cercetător Științific II)**
- 2016 - 2019 - Dezvoltarea Capacității Administrative a ANCSI de implementare a unor acțiuni stabilite în Strategia Națională de Cercetare Dezvoltare tehnologică și Inovare 2014- 2020, SIPOCA 27, Unitatea Executivă pentru Finanțarea Învățământului Superior, Cercetării, Dezvoltării și Inovării (UEFISCDI), Institutul Național de Cercetare Științifică în domeniul Muncii și Protecției Sociale - INCSMPS București, România – **Expert în prelucrarea limbajului natural**
- 2016-2018 - eCULTFOOD - Digitalizarea moștenirii culturale culinare, Regiunea Bacău, PN-III- P2-2.1-BG-2016-0390, Universitatea "Alexandru Ioan Cuza" din Iași (partener), Universitatea "Vasile Alecsandri" din Bacău și Asociația Culturală "ARTĂ - TRADIȚII - PATRIMONIUL FĂRĂ FRONTIERE" - **Membru al echipei UAIC**
- 2014 - 2017 - MappingBooks – Let me jump in the book!, PN-II-PT-PCCA-2013-4-1878, Universitatea “Alexandru Ioan Cuza” din Iași (coord.), SIVCO România S.A., Universitatea “Ștefan cel Mare” din Suceava, România – **Membru în echipa coord.**
- 2016 - COST Action, COST Association. Evaluation of proposals for the Open Call OC-2016-1. Proposal Reference: OC-2016-1-20715 “Argumentation and Intelligent Decisions in the largeE”- **Expert extern**
- 2016 - NESUS Winter School & PhD Symposium 2016, 1st Training School of COST Action, Information and Communication Technologies (ICT), IC1305, la Universitatea de Vest din Timișoara, România, 8 – 11 feb - **Student doctorand**
- 2014-2015 - The didactic staff from school education and state university system - promoter of lifelong learning, European Social Fund by POSDRU/174/1.3/S/149155, Ministerul Educației Naționale și Cercetării Științifice, România – **Cercetător**

- 2013-2014 - Incertitudini și dificultăți ale comunicării ca disciplină academică. O abordare integratoare meta-analitică / Uncertainties and difficulties in communication as an academic discipline. An global meta-analytic approach (IDCOM), Universitatea din Craiova – **Membru asociat**
- 2010-2013 - Transnational Network for Integrated Management of Postdoctoral Research in Communicating Sciences. Institutional building (postdoctoral school) and fellowships program (CommScie), POSDRU/89/1.5/S/63663, Universitatea “Alexandru Ioan Cuza” din Iași (coord.), Universitatea de Vest din Timișoara, Universitatea “Babeș-Bolyai” din Cluj-Napoca, Universitatea de Vest „Vasile Goldiș” din Arad, Academia Română din Iași – Institutul Român de Filologie “A. Philippide” Iași, România, Università degli Studi di Genova, Italy – **Cercetător post-doctoral**

F. **Alte lucrări** de cercetare dezvoltare, prin care se aduc contribuții la dezvoltarea mediului educațional/cultural/economic/social, etc.

- Dan Cristea, Cristian Pădurariu, Șerban Boghiu, **Daniela Gîfu**, Mihaela Onofrei, Diana Trandabăț, Ionuț Cristian Pistol, Anca-Diana Bibiri, Andrei Scutelnicu. COBILIRO Project: Building and Distributing a Bimodal Corpus for Romanian Language. In: *Proceedings of the 14th International Conference Linguistic Resources and Tools for Processing the Romanian Language*, ConsILR-2019, 18-20 Nov. 2019, Cluj-Napoca, Romania, Mihaela Onofrei et al. (eds.), "Alexandru Ioan Cuza" University Publishing House, Iași, 2019, pp. 13-23, 226p., ISSN 1843-911X
- Mihaela Onofrei, Ionuț Hulub, Andreea Hriscu, Larisa Alexa, Diana Trandabăț, **Daniela Gîfu**. Developing a Technology Allowing Automatic Identification the Author's Confidence in Biomedical Papers. In: D. Gîfu and D. Trandabăț (eds.). *Curative Power of Medical Data -MEDA 2017-*, Selected Papers of the First International Workshop MEDA 2017, a satellite event at the EUROLAN 2017 Summer School, Constanța, Romania, September 10-17, 2017, "Alexandru Ioan Cuza" University Publishing House, Iași, pp. 27-33, 53p., 2018.
- Sandra Amarandei, Alexandra Fleșcan, Grigoriță Ioniță, Ramona Turcu, Diana Trandabăț, **Daniela Gîfu**. Key Biomedical Concepts Extraction. In: D. Gîfu and D. Trandabăț (eds.). In: D. Gîfu and D. Trandabăț (eds.). *Curative Power of Medical Data -MEDA 2017-*, Selected Papers of the First International Workshop MEDA 2017, a satellite event at the EUROLAN 2017 Summer School, Constanța, Romania, September 10-17, 2017, "Alexandru Ioan Cuza" University Publishing House, Iași, pp. 21-26, 53p., 2018.
- Eric Curea, **Daniela Gîfu**. A Framework for Medical Data Retrieval. In: D. Gîfu and D. Trandabăț (eds.). *Curative Power of Medical Data -MEDA 2017-*, Selected Papers of the First International Workshop MEDA 2017, a satellite event at the EUROLAN 2017 Summer School, Constanța, Romania, September 10-17, 2017, "Alexandru Ioan Cuza" University Publishing House, Iași, pp. 41-51, 53p., 2018.
- Cosmin Dariescu, **Daniela Gîfu**. Ambiguous Interpretations in the Legal Discourse on Both Sides of the Pruth. In: *Literature as Mediator. Intersecting Discourses and Dialogues in a Multicultural World*, I. Boldea, C. Sigmirean, D.M. Buda (eds.), Section: Language and Discourse, Vol. VI, 2018, ARHIPELAG XXI Press, Târgu-Mureș, Romania, pp. 320-332, ISBN 978-606-8624-14-3
- Cosmin Dariescu, **Daniela Gîfu**. Towards a Interpretation of Conceptual Ambivalence in Romanian Law. In: *The Challenges of Communication. Contexts and Strategies in the World of Globalism*, I. Boldea, C. Sigmirean, D.M. Buda (eds.), Section: Communication, Education Sciences, Psychology and Sociology, Vol. 5, ARHIPELAG XXI Press, Târgu-Mureș, Romania, 2018, ISBN 978-606-8624-00-6
- Diana Saveluc, **Daniela Gîfu**. Tracing Chronology of the Romanian Old Words. Diana Trandabăț and Daniela Gîfu (eds.). *Proceedings of the 3rd International Workshop on Social Media and the Web of Linked Data*, Revised Selected Papers at the 3rd RUMOUR 2017

Workshop, held at the ACM/IEEE-CS Joint Conference on Digital Libraries, JCDL 2017, Toronto, Ontario, Canada, June 19-23, 2017, “Alexandru Ioan Cuza” University Publishing House, Iași, 62p., 2017, ISBN 978-973-0-24730-5.

- Florentin Smarandache, Mirela Teodorescu, **Daniela Gifu**. Neutrosophy, a Sentiment Analysis Model. Diana Trandabăț and Daniela Gifu (eds.). *Proceedings of the 3rd International Workshop on Social Media and the Web of Linked Data*, Revised Selected Papers at the 3rd RUMOUR 2017 Workshop, held at the ACM/IEEE-CS Joint Conference on Digital Libraries, JCDL 2017, Toronto, Ontario, Canada, June 19-23, 2017, “Alexandru Ioan Cuza” University Publishing House, Iași, 62p., 2017, ISBN 978-973-0-24730-5.
- Călin Ciubotariu, **Daniela Gifu**. Fire Simulator. In: *BringITon! 2016 Catalogue*, “Alexandru Ioan Cuza” University Publishing House, Iași, pp. 20-21, 197p., 2016, DOI: 10.13140/RG.2.2.24495.43681 - CNCSIS
- Diana Darabană, Adrian Istrimschi, **Daniela Gifu**. Monitoring of Dynamic Indicators. In: *BringITon! 2016 Catalogue*, “Alexandru Ioan Cuza” University Publishing House, Iași, pp. 54-55, 197p., 2016, DOI: 10.13140/RG.2.2.34561.76644 - CNCSIS
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- **Daniela Gifu**. Diachronic Evaluation of Newspapers Language between Different Idioms. In: *Proceedings of the IJCAI 2016 Workshop*. Natural Language Processing meets Journalism, L. Birnbaum, O. Popescu and C. Strapparava (eds.), New York, USA, pp. 92-96, 2016 – Rank A
- **Daniela Gifu**. The Chronology of Old Romanian Words. In: *Globalization and National Identity. Studies on the Strategies of Intercultural Dialogue*, I. Boldea (coord.), Vol. 3, Arhipelag XXI, Târgu-Mureș, pp. 246-262, ISBN 978-606-8624-03-7.
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- **Daniela Gifu**, Radu Topor. Recognition of Discursive Verbal Politeness. In: *Natural Language Processing and Cognitive. Proceedings 2014*, B. Sharp and R. Delmonte (eds.), De Gruyter, Italy, 2015, pp. 123-134, 314p., ISBN: 978-1-5015-1042-7
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