



DANUBIANU MIRELA

PROFIL

Professor of Computer Science

CONTACT

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Suceava, Romania

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RESEARCH PROFILES

[WoS](#) (via E-nformation)

[ORCID](#)

[IEEE](#)

[DBLP](#)

[SCOPUS](#)

[Google Scholar](#)

[ResearchGate](#)

EDUCATION

Habilitation in Computer Science - 2017

"Ștefan cel Mare" University of Suceava, Romania

Research and contribution in advanced data analysis and knowledge discovery

Post-Doctoral Scholarship, 2010-2013

"Ștefan cel Mare" University of Suceava, Romania

Applied research on the development of parallel and distributed systems for knowledge discovery from data

PhD in Computer Science, 2002 - 2006

"Ștefan cel Mare" University of Suceava, Romania

Contributions to the development of data mining and knowledge management methods and techniques

Master's Degree in Economics, 2007- 2009

"Ștefan cel Mare" University of Suceava, Romania

The value of databases in efficient insurance management

Bachelor's Degree in Economics, 1996-2001

University of Craiova, - Faculty of Economics

Bachelor's Degree in Automation and Computers, 1980-1985

University of Craiova, Faculty of Electrical Engineering - Department of Automation and Computers

ACADEMIC EXPERIENCE

Professor of Computer Science, since 2024

Associate Professor of Computer Science, since 2014, Habilitation in Computer Science, since 2017

Faculty of Electrical Engineering and Computer Science

"Ștefan cel Mare" University of Suceava, Romania

Teaching: *Databases Management Systems, Databases Design, Integrated Applications for Enterprises, Advanced Databases Management, Data Warehouses and Data Mining*

PhD supervisor,

Research: *Information Technologies, Data Science*

Head of Computer Science Department, 2016-2022

Faculty of Electrical Engineering and Computer Science

Lecturer in Computer Science, 2002-2014

Faculty of Electrical Engineering and Computer Science

"Ștefan cel Mare" University of Suceava, Romania

Teaching: *Databases Management Systems, Databases Design, Integrated Applications for Enterprises, Management* **Research:** *Information Technologies*

PROFESSIONAL EXPERIENCE

Head of IT Office, 1999-2002

SC ACET SA Suceava

Organize the work of the IT office, responsible for the acquisition of equipment and software, design and implementation of the company's integrated IT system

Head of IT Office, 1995-1999

Dolj County Prefecture

Responsible for systems procurement, design and development of integrated applications for public administration

Inspector in Informatics, 1991-1995

Dolj County Prefecture

Design, programming and maintenance of database applications

Design engineer, 1985-1991

Research Institute for Electric Motors and Transformers (ICMET) Craiova

Design and implementation of software modules for various sub-systems of the subway for Bucharest Metro Company

RESEARCH ACTIVITY/ MEMBER OF GRANT IMPLEMENTATION TEAMS (EXTRACT)

RESEARCH PROJECTS

1. **Key Person** - „Center for knowledge transfer to businesses in ICT field – CENTRIC”, Cod SMIS 2014+ 119722 (ID P_40_305), Contract 5/AXA 1/1.2.3/G/13.06.2018, Subsidiary contract 15.875/04.09.2020/ Study AI/ IMM:MiCS Software SRL, 2018-2022
2. **Key Person** - „Center for knowledge transfer to businesses in ICT field – CENTRIC”, Cod SMIS 2014+ 119722 (ID P_40_305), Contract 5/AXA 1/1.2.3/G/13.06.2018, Subsidiary contract 15569/01.09.2020/HR/ASSIST, 2018-2022
3. **Key Person** - „Center for knowledge transfer to businesses in ICT field – CENTRIC”, Cod SMIS 2014+ 119722 (ID P_40_305), Contract 5/AXA 1/1.2.3/G/13.06.2018, Subsidiary contract 15682/02.09.2020/CrioDrive/Mechatronics Innovation Center, 2018-2022
 - a. **Published paper:**
 - i. Zăgan, E., Danubianu, M., (2022) ADLS Gen 2 for web server log data analysis, In 2022 International Conference on Development and Application Systems DAS, 2022, IEEE
4. **Key Person** „Center for knowledge transfer to businesses in ICT field – CENTRIC”, Cod SMIS 2014+ 119722 (ID P_40_305), Contract 5/AXA 1/1.2.3/G/13.06.2018, Subsidiary contract 22081/05.10.2022/PARS/ASSIST, 2022-2023
5. **Key Person** - „Center for knowledge transfer to businesses in ICT field – CENTRIC”, Cod SMIS 2014+ 119722 (ID P_40_305), Contract 5/AXA 1/1.2.3/G/13.06.2018, Subsidiary contract 22080/05.10.2022/Autism/ASSIST, 2022-2023
6. **Post-Doctoral Scholarship** – Applied research on the development of parallel and distributed systems for knowledge discovery from data. POSDRU/89/1.5/S/57083, Subcontract 8205/17.06.2010, 2010-2013
7. **Key Person** Personalized therapy of dyslalia affecting pre scholars - TERAPERS, Contract: 56–CEEX–II–03/27.07.2006, 2006-2008
 - a. **Published paper:**
 - i. Danubianu M, Tobolcea I. (2016) *Modern Tools in Patient-Centred Speech Therapy for Romanian Language*. Broad Research in Artificial Intelligence and Neuroscience - BRAIN. 2016,14; 7(1) p. 61-73.
IF=2.3
 - ii. M. Danubianu, S.G. Pentiuc, I. Tobolcea, O.A. Schipor, (2010) *Advanced Information Technology - Support of Improved Personalized Therapy of Speech Disorders*, International Journal of Computers Communications & Control, Oradea, ISSN: 1841- 9836, Vol: 5, Nr: 5, **2010**, p. 684-692; **IF=2.7**

- iii. S.G. Pentiu, I. Tobolcea, O. Schipor, M. Danubianu, D. Schipor, (2010) *Translation of the Speech Therapy Programs in the Logomon Assisted Therapy System*, Advances in Electrical and Computer Engineering, ISSN: 1582-7445, Vol: 10, Nr: 2, **2010**, p. 48-52; **IF=0.8**
8. **Key Person**, MappingBooks, PN-II-PT-PCCA-2013-4-1878, ctr. 4/01.07.2014; 2014-2016
9. **Key Person** „ Gesture interaction with computer and robotic systems - INTEROB”; Contract: 131-CEEX-II-03/02.10.06, CEEX 2006, cod MEC 9717; 2006-2008
10. **Project Manager** - Multisensory simulator for navigation in virtual universes, based on Virtual Reality technologies – SimSpace, 130CEEX-II03 / 02.10.2006, 2006 – 2008, Value: 1.192.500 RON
11. **USV (partner) responsible** Information system for online management of urban traffic, supporting the mobility of people in comfort and safety, a component of sustainable development in a European context - MONITRAF, 53 CEEX-II03/20.07.2006 Subcontract nr. 53-4 / 20.07.2006, 2006 – 2008, Value: 225.000 RON

ARTICLES IN JOURNALS

1. Șiean A.I, Grădinaru B.C., Gherman O.I., **Danubianu M.** Milici L.D, (2023) *Opportunities and Challenges in Human-Swarm Interaction: Systematic Review and Research Implications*, International Journal of Advanced Computer Science and Applications, Vol. 14(4), p. 896-902, **IF=0.9**
2. Chistol M., Turcu C.E., **Danubianu M.**,(2023), *Autism Assistant- A platform for Autism Home-based Therapeutic Intervention*, IEEE Access, Vol. 11, **IF=3.9** , **Q2**
3. Zăgan E., **Danubianu M.**, *Data Lake Architecture for Storing and Transforming Web Server Access Log Files*, (2023) IEEE Access, Vol 11, p. 40916-40929, **IF=3.9**, **Q2**
4. Stroia, N., Moga, D., Petreus, D., Lodin, A., Muresan, V., & **Danubianu, M.** (2022). *Integrated Smart-Home Architecture for Supporting Monitoring and Scheduling Strategies in Residential Clusters*. Buildings. Vol 12(7), **IF=3.8**, **Q2**
5. Simionescu, C. **Danubianu, M.**, Marcu, D., Turcu, C. O. (2022) *Online Learning after One Year of Digital Schooling in Romania—A Survey*. International Journal of Computer Science & Network Security, 22.1: 27-32
6. A. Barila, **M. Danubianu**, B. Gradinaru, (2022) Romanian-Lexicon-Based Sentiment Analysis for Assessing Teachers' Activity, International Journal of Computer Science & Network Security, 2022, 22.10: 43-50
7. Gradinaru B. C., **Danubianu M.**, Barila A. L., (2022) From Multimedia Data Mining to Multimedia Big Data Mining, International Journal of Computer Science & Network Security, 2022, 22.11: 381-389
8. Marcu, D. **Danubianu, M.** (2021), *Sentiment Analysis from Images-Comparative Study of SAI-G and SAI-C Models' Performances Using AutoML Vision Service from Google Cloud and Clarifai Platform*. International Journal of Computer Science & Network Security, 2021, 21.9: 179-184.
9. Marcu, D., **Danubianu, M.**, Barila, A., Simionescu, C. (2021) Algorithms for Classifying the Results at the Baccalaureate Exam-Comparative Analysis of Performances. *International Journal of Computer Science & Network Security*, 2021, 21.8: 35-42.
10. **Danubianu, M.**, Teodorescu, (2021), C. Energy, Climate Changes, COVID-19: Romanian answers. *Present Environment & Sustainable Development*, 2021, 15.1. **IF=0.7**
11. Barila, A.; **Danubianu, M.**, Paraschiv, A. *Towards a Deep Analysis of High School Students' Outcomes*. *International Journal of Computer Science & Network Security*, 2021, 21.6: 71-76.
12. Zagan, E., **Danubianu, M.**, (2021), HADOOP: A Comparative Study between Single-Node and Multi-Node Cluster. *International Journal of Advanced Computer Science and Applications*, 2021, 12.2. **IF=0.9**
13. Marcu, D. ., Milici, D. L., **Danubianu, M.** (2020). *Software Engineering Ethics*. Postmodern Openings, 11(4), 248-261. <https://doi.org/10.18662/po/11.4/233>
14. **Danubianu M.** (2020) *Big Data–catalyst of sustainable development*. Present Environment and Sustainable Development. 2020 Jun 30(1):311-24, **IF=0.7**
15. D. Marcu, **M. Danubianu**, (2019) *Learning Analytics or Educational Data Mining? This is the question...* BRAIN-Broad Research in Artificial Intelligence and Neuroscience 2019, Vol.10, p. 1-14 , **IF=2.3**
16. A.M. Paraschiv, **M. Danubianu**, (2019) *Big Data present Opportunities and Challenges*, BRAIN-Broad Research in Artificial Intelligence and Neuroscience 2019, Vol.10, p. 15-2 , **IF=2.3**

17. **M. Danubianu**, C. Teodorescu, I. Corneanu, (2019) *Internet of Things and Environment*, Present Environment and Sustainable Development, 2019, Vol. 13(1), p. 181-190, **IF=0.7**
18. D. Marcu, **M. Danubianu**, SG Pentiuc, (2019) *Big Data Technology- valuable tool for health research*, International Journal of Computer Science and Network Security, Vol. 19(4), p. 116-122, 2019
19. E. Zagan, **M. Danubianu**, (2019) *From data warehouse to a New trend in Data Architectures - Data Lake*, International Journal of Computer Science and Network Security, Vol. 19(3), p. 30-35, 2019,
20. Er-raji, Naoufal, Faouzia Benabbou, **M. Danubianu**, and Amal Zaouch. (2018) "Supervised Machine Learning Algorithms for Priority Task Classification in the Cloud Computing Environment." *International Journal Of Computer Science And Network Security* 18, no. 11: 176–81
21. **M. Danubianu**, C. Teodorescu, (2017) *Impact of corporate social responsibility on sustainable enterprise development*, Present Environment and Sustainable Development, Volume: 11, Issue: 1 Pages: 129-139, 2017, DOI: 10.1515/pesd-2017-0012, **IF=0.7**
22. **M. Danubianu**, C. Teodorescu, (2016) *Managerial Tools for Sustainable development*, Present Environment and Sustainable Development, Vol. 10 (1), p. 151-160, 2016, **IF=0.7**
23. **Danubianu M**, Tobolcea I. (2016) *Modern Tools in Patient-Centred Speech Therapy for Romanian Language*. Broad Research in Artificial Intelligence and Neuroscience - BRAIN. 2016,14; 7(1) p. 61-73. <https://www.edusoft.ro/brain/index.php/brain/article/view/578/623>, **IF=2.3**
24. **M. Danubianu**, C. Teodorescu, (2015) *Action Research - A New Approach for Environmental RD&I*, Present Environment and Sustainable Development, Vol. 9 (1), p. 139-148, 2015, **IF=0.7**
25. C. Teodorescu, **M. Danubianu**, (2015) *Industrial Symbiosis, ecoefficiency, Sustainability - A Case Study*, Present Environment and Sustainable Development, Vol. 9 (1), p. 169-179, **2015, 14**) *Data-Mining–a Valuable Managerial Tool for Improving Power Plants Efficiency*. Present Environment and Sustainable Development 8, no. 1 205–216., **IF=0.7**
26. **M. Danubianu**, S.G. Pentiuc, (2013) *Data Dimensionality Reduction Framework for Data Mining*, Elektronika ir Elektrotechnika, vol 19, nr 4, ISSN 1392-1215; **IF=1.3**
27. **M Danubianu**, S.G. Pentiuc, D.M. Danubianu, (2012) *Data Dimensionality Reduction for Data Mining A Combined Filter-Wrapper Framework*, International Journal of Computers Communications & Control, Oradea, ISSN: 1841-9836, Vol: 7, Nr: 5, **2012**, p. 824-831; **IF=2.7**
28. **M. Danubianu**, S.G. Pentiuc, I. Tobolcea, O.A. Schipor, (2010) *Advanced Information Technology - Support of Improved Personalized Therapy of Speech Disorders*, International Journal of Computers Communications & Control, Oradea, ISSN: 1841- 9836, Vol: 5, Nr: 5, **2010**, p. 684-692; **IF=2.7**
29. S.G. Pentiuc, I. Tobolcea, O. Schipor, **M. Danubianu**, D. Schipor, (2010) *Translation of the Speech Therapy Programs in the Logomon Assisted Therapy System*, Advances in Electrical and Computer Engineering, ISSN: 1582-7445, Vol: 10, Nr: 2, **2010**, p. 48-52; **IF=0.8**
30. **M. Danubianu**, T. Socaciu, D. Amariei, (2010) *Distributed Data Mining System for Tourism Industry*, Electronics and Electrical Engineering (Elektronika ir Elektrotechnika), Kaunas, ISSN: 1392-1215, Vol: 3, Nr: 99, **2010**, p. 31-34; **IF=1.3**
31. S.G. Pentiuc, I. Tobolcea, O. Schipor, **M. Danubianu**, D.M. Schipor, (2010) *Speech Therapy Programs for a Computer Aided Therapy System*, Electronics and electrical engineering (Elektronika ir Elektrotechnika), Kaunas, **2010**, ISSN: 1392-1215, Vol: 103, Nr: 7, p. 87-90 ; **IF=1.3**
32. Tobolcea I., **Danubianu M.**, (2010) *Computer-based Programs in Speech Therapy of Dyslalia and Dyslexia-Dysgraphia*, BRAIN Broad Research in Artificial Intelligence and Neuroscience, 2010, **IF=2.3**

PAPERS IN CONFERENCES

1. Zăgan, E., **Danubianu, M.**, (2022) ADLS Gen 2 for web server log data analysis, In 2022 International Conference on Development and Application Systems DAS, 2022, IEEE
2. Măciucă, M., **Danubianu, M.**, Simionescu, C.(2022) Tendencies in the use of Big Data analytics at a global level, In 2022 International Conference on Development and Application Systems DAS 2022, IEEE
3. Zăgan, E., **Danubianu, M.** (2021) Cloud DATA LAKE: The new trend of data storage. In 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2021. p. 1-4.

4. D. Marcu, **M. Danubianu**, C. Simionescu, (2021) Comparative Analysis of Predictive Models on Online Education in Context of COVID-19 – A Case Study, In Proc 15th International Technology, Education and Development Conference, 2021, pp. 4403-4412
5. Marcu D, **Danubianu M.** (2020) *Sentiment Analysis from Students' Feedback: A Romanian High School Case Study*. In 2020 International Conference on Development and Application Systems (DAS) **2020** May 21 (pp. 204-209) **WOS:000589776100037**
6. Zăgan E., **Danubianu M.**, (2020) Data Lake Approaches: A Survey, 15th International Conference on Development and Application Systems (DAS 2020) **WOS:000589776100035**
7. C. Simionescu, **M. Danubianu**, D. Marcu, (2020) Analysis of Online Education in Romanian Schools due to COVID-19 Pandemics and Areas of Improvement, Proc. 13th annual International Conference of Education, Research and Innovation, pp. 3523-3529, 2020
8. **M. Danubianu**, (2017) *Data Mining-A Tool for Migration Stock Prediction*. In Proc of International Conference: Beyond Databases, Architectures and Structures, BDAS 17, **2017**, p. 102-114 Springer, **WOS:000404648500009**
9. **M. Danubianu**, (2016) *First steps towards curriculum development decisions from raw educational data*. In 2016 International Conference on Development and Application Systems (DAS) **2016**, May., p. 281-286, **WOS:000383222200044**
10. **M. Danubianu**, (2015) *A data preprocessing framework for students' outcome prediction by data mining techniques*. In *19th International Conference on System Theory, Control and Computing (ICSTCC)*, p. 836-841, **2015**. doi:10.1109/ICSTCC.2015.7321398; **WOS:000382384100139**
11. **Danubianu M.**, Barila A., (2015) *Big Data vs Data Mining for Social Media Analytics*, Proc of International Conference on Social Media in Academia - Research and Teaching - SMART 2014 ; 2015 **WOS:000367888300040**
12. **M. Danubianu**, A. Barila, (2013) *Big Data – A Chance to Change the Academic Scene?* International Conference on Social Media in Academia – research and Teaching -SMART **2013**, p.155-160; **WOS:000335747400024**
13. **M. Danubianu**, (2013) *Joining Data Mining with a Knowledge-Based System for Efficient Personalized Speech Therapy*, Computational Collective Intelligence Technologies and Applications, ICCCI2013, Lecture Notes in Computer Science Volume 8083, **2013**, p. 245-254; Springer, **WOS:000333642900025**
14. **M. Danubianu**, D. M. Danubianu, (2012) *How Useful Can Be Data Mining For A Continuous Speech Therapist's Education? Balkan Region Conference on Engineering and Business Education. Volume 1, Issue 1*, p. 339–342, ISSN (Online) 1843-6730, DOI: 10.2478/cplbu-2014-0050, 2012; **WOS:000335704200054**
15. **Danubianu, M.**, V Popa, and I Tobolcea. *Unsupervised Information-Based Feature Selection for Speech Therapy Optimization by Data Mining Techniques*. In Proceedings of the Seventh International Multi-Conference on Computing in the Global Information Technology ICCGI, 29–39, 2012.
16. **M. Danubianu**, I. Tobolcea , (2011) *Using Data Mining Approach for Personalizing the Therapy of Dyslalia*, E-Health and Bioengineering Conference (EHB 2011), Vol: 1, **2011**, Iasi, Romania, ISSB/ISBN: 978-606-544-078-4, **WOS:000304806300008**
17. Socaciu, T., **Danubianu, M.**, Maxim, I., (2011) *Parallel algorithms for black-scholes like PDE with domain decomposition*, 17th International Conference on the Knowledge-Based Organization (KBO 2011) Book Series: Knowledge Based Organization International Conference, p. :350-353, **2011**; **WOS:000393448400061**
18. **Danubianu, M.**, St. Ghe. Pentiu, and Iolanda Tobolcea. "Mining Association Rules Inside a Relational Database - A Case Study." In *6th International Multi-Conference On Computing In The Global Information Technology (ICCGI 2011)*, edited by Paleologu, C and Mavromoustakis, C and Minea, M, 14–19. International Multi-Conference on Computing in the Global Information Technology. 2011. **WOS:000456651700003**
19. **M. Danubianu**, S.G. Pentiu, T. Socaciu, (2009) *Towards the Optimized Personalized Therapy of Speech Disorders by Data Mining Techniques*, The Fourth International Multi Conference on Computing in the Global Information Technology ICCGI 2009, Vol: CD, **2009**, Cannes - La Bocca, France, ISSB/ISBN: 978-0-7695-3751-1, p.: 1-6; **WOS:000289710400004**
20. **M. Danubianu**, (2009), *Advanced Information Technology- Support of Strategic Decision in Romanian Tourism Industry*, 16-th International Economic Conference Industrial Revolutions, From the Globalization and Post-Globalization Perspective, Vol: CD, **2009**, Sibiu, Romania, ISSB/ISBN: 978-973-739-775-1, p: 42-48; **WOS:000287984500007**

21. Al. Valachi, M. Timis, **M. Danubianu**, (2009), *Some Contributions to Synthesis and Implementation of Multifunctional Registers*, 2nd WSEAS International Conference on Multivariate Analysis and its Application in Science and Engineering, Vol: 1, **2009**, Istanbul, Turkey, ISSB/ISBN: 1790-5117, p.: 146-149; **WOS:000271229500021**
22. **M. Danubianu**, S. G. Pentiuc, O. A. Schipor, M. Nestor and I. Ungureanu, (2008) "Distributed Intelligent System for Personalized Therapy of Speech Disorders," *2008 The Third International Multi-Conference on Computing in the Global Information Technology (ICCGI 2008)*, Athens, Greece, 2008, pp. 166-170, doi: 10.1109/ICCGI.2008.31

BOOKS AND BOOKS CHAPTERS

1. N. Sharma, L. Perniu, R. Chong, I. Abhishek, N. Chaitali, A. Mitea, N. Mallarswami, **M. Danubianu**, Database Fundamentals, IBM e-book, Toronto, 2010, 282 pag, http://public.dhe.ibm.com/software/dw/db2/express-c/wiki/Database_fundamentals.pdf
2. T. Socaciu, **M. Danubianu**, FoxPro Refinements: a collection of examples, Ed. InfoData, 2013, ISBN 978-973-1803-53-1, 130 pag,
3. **M. Danubianu**, Classic and modern in relational database theory and practice, Ed. InfoData, 2009, Cluj-Napoca, ISBN: 978-973-1803-40-1, 307 pag,
4. **M. Danubianu**, T. Socaciu, Database design and implementation, Ed. InfoData, 2009, Cluj-Napoca, ISBN: 978-973-1803-45-6, 241 pag
5. **M. Danubianu**, Databases. Theoretical foundations and application development in FoxPro, ISBN: 973-0-03257-2, 205 pag, Editata cu sprijinul MECT, 2003
6. I. Tobolcea, **M. Danubianu**, Serious Games in Speech Therapy, in vol. Handbook of Research on Serious Games as Educational, Business and Research Tools, edited by Maria Manuela Cruz - Cunha, Polytechnic Institute of Cavado and Ave, Portugal, 2012, Publishing IGI Global, Hershey, Pennsylvania (USA), pp. 422-445.
7. I. Tobolcea, **M. Danubianu**, Computer-based Programs in Speech Therapy of Dyslalia and Dislexia-Dysgraphia, capitol in Advances in Cognitive Science, Farhange Alem Publishing, Teheran, 2011, ISBN: 978-600-90727-4-3, 18 pag
8. **M. Danubianu**, Advanced Databases, cap in Modern Paradigms in Computer Science and Applied Mathematics, AVM, Munchen, 2011, ISBN: 978-3-86306-757-1, 30 pag
9. **M. Danubianu**, I. Tobolcea, S.G. Pentiuc, Data mining in Personalized Speech Disorder Therapy Optimisation, capitol in Knowledge- Oriented Applications in Data Mining, Intech, Viena, 2011, ISBN: 978-953-307-154-1, 18 pag, http://cdn.intechopen.com/pdfs/13176/InTech-Data_mining_in_personalized_speech_disorders_therapy_optimization.pdf
10. **M. Danubianu**, I. Tobolcea, Smart Personalizing the Therapy of Dyslalia Through Data Mining Techniques, cap. in Fostering Innovation in Healthcare Services, 2013, ISBN 978-973-708-659-4, Ed. Universitara Carol Davila (cap.4.6)
11. Barila, D. Carstoiu, **M. Danubianu**, A Olteanu, L. Perniu, C. Pupaza, D Simian, DB2 Exercises, Agir, Bucuresti, 2006, ISBN: 973-720-089-6, cap. 5,
12. Barila, D. Carstoiu, **M. Danubianu**, A Olteanu, L. Perniu, C. Pupaza, D Simian, DB2 Exercises, Agir, Bucuresti, 2006, ISBN: 973-720-089-6, cap. 13
13. D. Carstoiu, **M. Danubianu**, A Olteanu, A. Mitea, L. Perniu, C. Pupaza, D Simian, DB2 – Fundamentals and Administration, Agir, Bucuresti, 2006, ISBN: 973-720-088-8, cap. 1,
14. D. Carstoiu, **M. Danubianu**, A Olteanu, A. Mitea, L. Perniu, C. Pupaza, D Simian, DB2 – Fundamentals and Administration, Agir, Bucuresti, 2006, ISBN: 973-720-088-8, cap. 15

AWARDS

Best Paper Award - Distributed Intelligent System for Personalized Therapy of Speech Disorders – M. Danubianu, S.G. Pentiuc, O.A. Schipor, M. Nestor, I. Ungurean. *The Third International Multi-Conference on Computing in the Global Information Technology*, Athens, Greece, 2008

Best Paper Award, - Unsupervised Information-Based Feature Selection for Speech Therapy Optimization by Data Mining Techniques, M. Danubianu, V. Popa, I. Tobolcea., *The Seventh International Multi-Conference on Computing in the Global Information Technology*, Venice, Italy. 2012.

OTHER ACHIEVEMENTS

Four PhD theses defended and four confirmed PhD in ICT area

Expert for assessing projects in the following calls: H2020-WIDESPREAD-05-2017-Twinning, H2020-WIDESPREAD-05-2018-Twinning, H2020-MSCA-IF-2018, H2020-MSCA-IF-2019 and H2020-MSCA-IF-2020, H2020-MSCA-IF-2021, HORIZON-MSCA-2023-SE-01, HORIZON-MSCA-2024-PF-01

Member in the scientific and organizing committees for 10 international events

Section chair for 6 international conferences

Member in editorial committees for 2 international journals and 2 volumes of international conferences published by foreign publishers

Scientific referee, reviewer of more than 25 papers published in volumes of international conferences or international journals

Prof. dr. eng. Mirela Danubianu