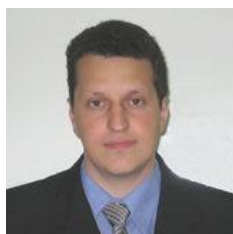


Curriculum vitae



Informații personale

Nume **Florin Leon**
E-mail florin.leon@academic.tuiasi.ro, florinleon@gmail.com
Site web <http://florinleon.byethost24.com>
Naționalitate Română
Data nașterii 10 martie 1977
Stare civilă Căsătorit, 2 copii

Experiența profesională

Perioada	Februarie 2015 - prezent
Funcția sau postul ocupat	Profesor
Discipline predate	Inteligență artificială, Învățare automată, Ingineria programării, Modelarea și analiza sistemelor multi-agent
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Octombrie 2012 - ianuarie 2015
Funcția sau postul ocupat	Conferențiar
Discipline predate	Inteligență artificială, Ingineria programării, Managementul proiectelor software, Modelarea și analiza sistemelor multi-agent
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Martie 2006 – septembrie 2012
Funcția sau postul ocupat	Șef de lucrări
Discipline predate	Inteligență artificială, Ingineria programării, Managementul proiectelor software, Modelarea și analiza sistemelor multi-agent, Aplicații ale inteligenței artificiale, Rețele neuronale, Tehnici de descoperire automată a cunoștințelor pe Internet
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Octombrie 2005 – februarie 2006
Funcția sau postul ocupat	Asistent
Discipline predate	Inteligență artificială, Ingineria programării, Rețele neuronale
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Octombrie 2003 – februarie 2005
Funcția sau postul ocupat	Asistent asociat
Discipline predate	Inteligență artificială, Ingineria programării
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Octombrie 2001 – iunie 2003
Funcția sau postul ocupat	Preparator asociat
Discipline predate	Inteligență artificială, Ingineria programării
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași

Educație și formare

Perioada	Octombrie 2001 – mai 2005
Calificarea / diploma obținută	Diplomă de doctor, titlul tezei: „Noi clase de agenți inteligenți cu capacități cognitive”, conducător științific: prof. dr. ing. Dan Gâlea
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași
Perioada	Octombrie 1996 – iunie 2001
Calificarea / diploma obținută	Diplomă de inginer
Locul, instituția	Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași

Specializări și calificări

Perioada	Noiembrie 2005 – octombrie 2007
Funcția	Cercetător științific
Locul, instituția	Proiectul CEEX nr. 3202/2005 tip PD, în sprijinul programelor postdoctorale, „Managementul vulnerabilității seismice a fondului urban construit utilizând Infrastructura de Informații Spațiale (IIS)”, director: prof. dr. ing. Gabriela M. Atanasiu, Facultatea de Construcții și Instalații, Universitatea Tehnică „Gheorghe Asachi” din Iași

Competențe lingvistice

Limba maternă Română

Limbi străine cunoscute

Autoevaluare

Engleză

Franceză

Norvegiană

<i>Înțelegere</i>	<i>Vorbire</i>	<i>Scriere</i>
Utilizator experimentat (C2)	Utilizator experimentat (C1)	Utilizator experimentat (C2)
Utilizator independent (B1)	Utilizator elementar (A1)	Utilizator elementar (A2)
Utilizator elementar (A2)	Utilizator elementar (A1)	Utilizator elementar (A1)

Mobilități

Lector invitat Mai 2007, aprilie 2008, mai 2010, aprilie 2012, aprilie 2013, mai 2014: “Artificial Intelligence Methods”, Universitatea de Științe Aplicate, Konstanz, Germania

Stagii de cercetare-documentare Mai 2006, mai 2011, Universitatea de Științe Aplicate, Konstanz, Germania

Management

Director al centrului de cercetare „Echipe și programe inteligente”, AC, TUIASI, 2017-prezent

Coordonator al programului de licență „Tehnologia informației”, AC, TUIASI, 2012-prezent

Coordonator al programului de masterat „Distributed Systems and Web Technologies study programme” în limba engleză, AC, TUIASI, 2012-prezent

Membre în Consiliu Școlii Doctorale, AC, TUIASI, 2016-prezent

Director adjunct al Departamentului de Calculatoare, AC, TUIASI, 2012-2015

Informații suplimentare

Domenii de interes Inteligență artificială, agenți inteligenți, proiectare software

Recenzor

Engineering Applications of Artificial Intelligence (2019)
Autonomous Agents and Multi-Agent Systems (2018)
Journal of Autonomous Agents and Multi-Agent Systems (2014)
Intelligent Distributed Computing - Computing and Informatics (Special Issue), IDC2013-Cal Informatica Special Issue following WASA'2013 workshop, WASA-INF-SI-2013
Journal of Autonomous Agents and Multi-Agent Systems (2011)
Mathematical Problems in Engineering (2011, 2013)
International Journal of Science and Technology Education Research (2011)
Environmental Management and Engineering (2011)

	<p>Buletinului Institutului Politehnic din Iași, secțiunea Automatică și Calculatoare (2007, 2010)</p> <p>AIEDAM special issue based on the 3rd Intl. Conf. on Design Computing and Cognition (2009)</p> <p>International Network for Engineering Education and Research, iNEER (2006)</p> <p>International Journal of Quantum Chemistry (2006)</p>
Session chair	<p>14th International Conference on Artificial Intelligence Applications and Innovations, AIAI 2018, Rhodes, Greece</p> <p>First Conference of Doctoral Schools, Iasi, Romania, May 2017</p> <p>7th International Conference on Exploring Service Science, IESS 2016, Bucharest, Romania</p> <p>International Symposium on INnovations in Intelligent SysTems and Applications, INISTA 2016, Sinaia, Romania</p> <p>8th International Conference on Computational Collective Intelligence Technologies and Applications, ICCCI 2016, Halkidiki, Greece</p> <p>7th Balkan Conference on Informatics, BCI 2015, Craiova, Romania</p> <p>5th International Conference on Computational Collective Intelligence Technologies and Applications, ICCCI 2013, Craiova, Romania</p> <p>Third International Conference on Computational Collective Intelligence, ICCCI 2011, Gdynia, Poland</p> <p>Third International Conference on Advanced Cognitive Technologies and Applications, COGNITIVE 2011, Rome, Italy</p> <p>Joint International Conference on System Theory, Control and Computing, ICSTCC 2011, Sinaia, Romania</p> <p>The International Conference on Experimental Mechanics, ICEM 2006, Jeju, South Korea</p>
Membru în comitete de organizare ale conferințelor	<p>Special Session on "Intelligent Modeling and Simulation Approaches for Real World Systems", IMSARWS 2019, within the International Conference on Computational Collective Intelligence Technologies and Applications, ICCCI 2019, Hendaye, France</p> <p>Joint International Conference on System Theory, Control and Computing, ICSTCC 2011, ICSTCC 2014, ICSTCC 2017, Sinaia, Romania</p> <p>PC chair: Balkan Conference in Informatics, BCI 2015, Craiova, Romania</p> <p>9th International Symposium on Automatic Control and Computer Science, SACCS 2007, Iasi, Romania</p>
Membru în comitete științifice de program ale conferințelor	<p>International Conference on Computational Collective Intelligence Technologies and Applications, ICCCI 2012-2019</p> <p>International Conference on Engineering Applications of Neural Networks, EANN 2017-2019</p> <p>International Conference on Artificial Intelligence Applications and Innovations, AIAI 2016-2017, 2019</p> <p>Asian Conference on Intelligent Information and Database Systems, ACIIDS 2019</p> <p>International Conference on Information, Intelligence, Systems and Applications, IISA 2019</p> <p>Balkan Conference in Informatics, BCI 2017, 2019</p> <p>7th EAI International Conference on Big Data Technologies and Applications, BDTA 2016</p> <p>International Symposium on INnovations in Intelligent SysTems and Applications, INISTA 2016-2019</p> <p>International Symposium on Intelligent Distributed Computing, IDC 2012-2019</p> <p>Workshop on Applications of Software Agents, WASA 2013-2017, 2019</p> <p>International Carpathian Control Conference, ICCI 2017</p> <p>International Conference on Intelligent Computer Communication and Processing, ICCP 2016-2018</p> <p>Software Technologies for Intelligent Collaborative Systems, STIX-2011</p> <p>International Workshop on Data Mining in Bioinformatics: BIOKDD 2010-2011</p>
Membru în guest editorial boards	<p>Computer Science and Information Systems (ComSIS): Papers selected from the 8th Balkan Conference in Informatics, BCI 2017 (special issue), 2018</p> <p>Journal of Intelligent & Fuzzy Systems: Collective Intelligent Information and Database Systems (special issue), 2016</p> <p>Computing and Informatics: Intelligent Distributed Computing (special issue), 2013</p>
Alte activități	<p>Expert evaluator pentru competiția de granturi interne a Universității Tehnice din Cluj-Napoca (2017)</p> <p>Expert evaluator pentru competiția de granturi interne a Universității Politehnica din Timișoara (2017)</p> <p>Membru în juriul concursului studentesc organizat de Facultatea de Automatică și Calculatoare, Universitatea Tehnică „Gheorghe Asachi” din Iași (2009, 2010, 2013)</p> <p>Coordonator al studenților Facultății de Automatică și Calculatoare participanți la concursul de programare ACM (2010)</p>
Membru în asociații profesionale	<p>IEEE Systems, Man and Cybernetics Society: Computational Collective Intelligence Technical Community</p> <p>The Romanian Association for Artificial Intelligence</p>

	<p>Bulgarian Association for Pattern Recognition (a member society of the International Association for Pattern Recognition)</p> <p>International Association for Life-Cycle Civil Engineering</p> <p>European Association for Earthquake Engineering</p>
Brevete	<p><i>Lucrări înscrise în Registrul Național de Opere administrat de Oficiul Român pentru Drepturi de Autor (înregistrate personal):</i></p> <ol style="list-style-type: none"> 1. <u>Florin Leon</u>, Silvia Curteanu, Nearest Neighbor Regression Algorithm with Adaptive Distance Metrics Trained by Multiple Point Hill Climbing on Noisy Training Set, nr. 6573 / 15.10.2018 2. Silvia Curteanu, <u>Florin Leon</u>, Large Margin Nearest Neighbor Regression Algorithm (LMNRR), nr. 4951 / 23.08.2018 3. <u>Florin Leon</u>, Silvia Curteanu, Algoritm adaptiv pentru regresie bazat pe paradigma celor mai apropiat vecini (AKNN), nr. 6232 / 24.07.2013 4. Silvia Curteanu, <u>Florin Leon</u>, Artificial Intelligence Toolbox. Neural Network Topology, nr. 14226 / 26.10.2010 5. <u>Florin Leon</u>, Silvia Curteanu, Algoritmi genetici. Optimizare scalară multi-obiectiv, nr. 14404 / 5.11.2010 6. <u>Florin Leon</u>, Silvia Curteanu, Stacked Neural Networks, nr. 14506 / 12.11.2010
Alte mențiuni	<p>Membru al International High IQ Society</p> <p>Certificare Brainbench: Problem Solving - Qualitative (Metric)</p>
Anexa 1	Proiecte de cercetare
Anexa 2	Lista de lucrări

Iași, 1 octombrie 2020

prof. dr. ing. Florin Leon



Proiecte de cercetare / Research Grants

Director, responsabil de proiect / Director, scientific leader

Director: Proreta 5, contracts no. 10118 / 16.05.2019, 1721 / 23.01.2020 with Continental Automotive Romania, period: 2019-2021

Director: Behavioural Patterns Library for Intelligent Agents Used in Engineering and Management, PNII, IDEI, code 316/2008, contract no. 671 / 19.01.2009, period: 2009-2011, budget: 402130.38 lei (http://florinleon.byethost24.com/bepalia/index_en.htm)

Scientific leader: Road Networks for Earthquake Resilient Societies (ROADERS), ERA-NET CONCERT Japan project, contract no. 3003/2013 in the Partnership Module of UEFISCDI, period: 2013-2015 (<http://florinleon.byethost24.com/mcserm/en/roaders.htm>)

Proiecte internaționale (membru în echipă) / International projects (team member)

Member in Romanian management committee: Multi-Paradigm Modelling for Cyber-Physical Systems (MPM4CPS), ICT COST Action IC1404, period 2014-2018 (http://florinleon.byethost24.com/cost_ic1404)

SERIES: Seismic Engineering Research Infrastructures for European Synergies, FP7 project no. 227887/2009, period: 2009-2012, TUIASI research group leader: Gabriela Maria Atanasiu (<http://www.series.upatras.gr>)

EFASST: Design Study of a European Facility for Advanced Seismic Testing, FP7 project no. 212109/2007, period: 2008-2011, TUIASI research group leader: Gabriela Maria Atanasiu

Assistant coordinator: European University Association (EUA) Quality Culture Project, Round III, Network 3, Implementing Bologna Reforms, DG EC AGR n. 2004-3922/001-001 S02-81AWB, period: 2005-2006, network coordinator: Gabriela Maria Atanasiu

Proiecte naționale (membru în echipă) / Romanian national projects (team member)

Biologically-inspired algorithms developed for modeling and optimizing complex chemical processes (BIA-CHEM) / Algoritmi de inspirație biologică dezvoltati pentru modelarea și optimizarea unor procese chimice complexe (BIA-CHEM), contract: PN-III-P4-ID-PCE-2016-0322, no. 51/2017, Exploratory research project, period 2017-2019, budget: 847,443 RON, director: Silvia Curteanu

Mentor: Framework for testing biologically-inspired algorithms (BIO-FRAM-TEST) / Framework pentru testarea algoritmilor de inspirație biologică (BIO-FRAM-TEST), contract: PN-III-P1-1.1-PD-2016-1399, Postdoctoral proiect, period 2017-2019, director/postdoctoral fellow: Elena-Niculina Dragoi

Scientific leader: Software products based on artificial intelligence algorithms with applications in modelling and optimization of chemical systems (AIsoftChim) / Produse software bazate pe algoritmi de inteligență artificială cu aplicații în modelarea și optimizarea sistemelor chimice (AIsoftChim), contract: PN-II-PT-PCCA-2011-32-0732, no. 23/2012, Collaborative project for applied research, period 2012-2016, budget: 1,580,081 RON, director: Silvia Curteanu

Modelling and automated control using artificial intelligence tools for applications in chemistry and process engineering (INTELCHIM) / Modelare și conducere automată utilizând instrumente ale inteligenței artificiale pentru aplicații în chimie și inginerie de proces (INTELCHIM), PN II, partnerships in priority areas, PC, contract no. 71006/18.09.2007, period: 2007-2010, budget: 1,650,000 RON, director: Silvia Curteanu

Soft computing hybrid configurations with chemistry applications / Configurații hibride soft computing cu aplicații în chimie, PNII, exploratory research project, IDEI, code ID-592, contract no. 59 / 1.10.2007, period: 2007-2010, budget: 900,000 RON, director: Silvia Curteanu

Diagnosis of urban infrastructure vulnerability to natural disasters and integrated risk management. Application for Iasi City (e-KnowRISKSAFE) / Diagnoza vulnerabilității infrastructurii urbane la dezastre naturale și managementul riscului integrat. Aplicație pentru Municipiul Iasi (e-KnowRISKSAFE), PN II, partnerships in priority areas, PC, contract no. 31065/2007, period: 2007-2010, budget: 1,860,000 RON, director: Gabriela Maria Atanasiu

Research on seismic risk assessment and developing a conceptual and operational model for estimating losses using information systems (CERSIS) / Cercetări privind evaluarea riscului seismic și elaborarea unui model conceptual și funcțional pentru estimarea pierderilor utilizând sistemele informaționale (CERSIS), PN II, partnerships in priority areas, PC, contract no. 31023/2007, period: 2007-2010, budget: 1,919,600 RON, director: Radu Vacareanu (Technical University of Civil Engineering Bucharest, Romania)

Artificial intelligence techniques applied to the processes of synthesis and complexation of functionalized polysiloxanes / Tehnici ale inteligenței artificiale aplicate proceselor de sinteză și complexare a polisiloxanilor funcționalizați, CNCSIS contract no. 63 GR/2006, topic 10, code CNCSIS 225, period: 2006-2007, budget: 110,000 RON, director: Silvia Curteanu

Academic grid for complex applications / GRID Academic pentru aplicații complexe, contract no. 74 - CEEX II03/31.07.2006, beneficiary MEC - INFOSOC, period: 2006-2008, budget: 1,500,000 RON, director: Mitica Craus

Multifunctional nanostructured silicon materials (NANOSIMAT) / Materiale siliconice nanostructurate multifunctionale (NANOSIMAT), CEEX contract no. 52/2006, MATNANTECH programme, subcontract 1, period: 2006-2008, budget: 1,250,000 RON, director: Maria Cazacu, TUIASI leader: Silvia Curteanu

Distributed dissemination system on a grid architecture, equipped with intelligent agents for automated construction and updating of the documentary fund and knowledge extraction tools / Sistem de informare distribuit pe o arhitectura grid, dotat cu agenti inteligenti pentru constructia si actualizarea automata a fondului documentar si cu instrumente de extragere de cunostinte, research contract CNCSIS code 575, topic 17, period: 2005-2006, budget: 126,000 RON, director: Mitica Craus

Prototype system for dynamic resource management in distributed mobile computing using intelligent agents / Prototip de sistem pentru gestiunea dinamica a resurselor distribuite in mobile computing folosind agenti inteligenti, CNCSIS AT project, topic 67, code 66/25.02.2005, period: 2005-2006, budget: 24,000 RON, director: Mihai Horia Zaharia

Management of Seismic Vulnerability of Built Urban Fund Using Spatial Information Infrastructure / Managementul vulnerabilitatii seismice a fondului urban construit utilizand Infrastructura de Informatii Spatiale (IIS), CEEX project no. 3202/2005, PD type, supporting postdoctoral programmes, UEFISCSU, period: 2005-2007, budget: 520,000 RON, director: Gabriela Maria Atanasiu, function in the project: postdoctoral research fellow

Nanostructured polymeric composite materials used in environmental monitoring (NANOPOL) / Materiale compozite nanostructurate polimerice cu utilizare in monitorizarea mediului (NANOPOL), subcontract: Modelling and optimization with neural networks and genetic algorithms / Modelare si optimizare cu retele neuronale si algoritmi genetici, CEEX contract 10/10.2005, MATNANTECH programme, subcontract 3, period: 2005-2008, budget: 1,000,000 RON, director: Gabriela Telipan, TUIASI leader: Silvia Curteanu

Viscometric behaviour modelling of binary liquid systems using neural networks / Modelarea comportarii viscozimetrice a sistemelor lichide binare cu ajutorul retelelor neuronale, beneficiary MEC, CNCSIS code 65, period: 2004, budget: 50,000,000 ROL, director: Gabriela Lisa

The prototype of an intelligent web GIS system for extracting knowledge from databases using intelligent agents / Prototipul unui sistem GIS web inteligent pentru extragerea cunostintelor din baze de date folosind agenti inteligenti, CNCSIS contract 66, topic 76, period: 2004, budget: 110,000,000 ROL, director: Mihai Horia Zaharia

Integrated software system for monitoring the legal regime of land – a tool for development decision making in agriculture, forestry, fisheries, hydrological and environmental areas / Sistem software integrat pentru monitorizarea regimului juridic al terenurilor - instrument pentru fundamentarea politicilor de dezvoltare in sectoarele agricol, silvic, piscicol, hidrologic si de protectia mediului, RELANSIN programme, priority projects PP6, partner P4 in contract no. 1933 / 15.09.2004, period: 2004, budget: subcontract 80,000,000 ROL, group leader: Mihai Horia Zaharia

Models of extracting knowledge from databases using grid technologies and intelligent agents / Modele de extragere de cunostinte in baze de date folosind tehnologii grid si agenti inteligenti, contract no. 139/07.09.2004, InfoSoc programme, sub-programme C6, category PF, period: 2004-2005, director: Mitica Craus

Using neural networks and genetic algorithms in polymerization reactions engineering. Applications to modelling and optimizing the synthesis of polysiloxanes / Utilizarea retelelor neuronale si a algoritmilor genetici in ingineria reactiilor de polimerizare. Aplicatii la modelarea si optimizarea sintezei polisiloxanilor, CERES contract no. 4-22/2004, beneficiary: Institute of Atomic Physics, Bucharest, Romania, period: 2004-2006, budget: 672,470,000 ROL, director: Silvia Curteanu

Multiphase polymer materials - biodegradable, biocompatible, bioactive, artificial motile systems - with applications in medicine and environmental protection / Materiale polimere multifazice - biodegradabile, biocompatibile, biologic active, sisteme motile artificiale - cu aplicatii in medicina si pentru asigurarea protectiei mediului, CERES contract no. 3-51/2003, beneficiary: Institute of Atomic Physics, Bucharest, Romania, period: 2003-2005, budget: 450,000,000 ROL, director: Bogdan Simionescu

Multidisciplinary research in the field of information technologies based on genetic algorithms, neural networks and fuzzy systems with applications to engineering and management / Cercetari multidisciplinare in domeniul tehnologiilor informationale bazate pe algoritmi genetici, retele neuronale si sisteme fuzzy cu aplicatii pentru inginerie si management, CERES contract no. 29/12.11.2002, beneficiary: Institute of Atomic Physics, Bucharest, Romania, period: 2002-2004, budget: 1,064,320,000 ROL, director: Octav Brudaru

Contributions to the radical polymerization of styrene by modelling, computer simulation and optimization / Contributii la studiul polimerizarii radicalice a stirenului prin modelare, simulare pe calculator si optimizare, CERES contract no. 47/15.10.2001, beneficiary: Institute of Atomic Physics, Bucharest, Romania, period: 2001-2004, budget: 800,000,000 ROL, director: Victor Bulacovschi

Lista de lucrări / Publication List

Cărți / Books

- Florin Leon** (2020). *Syntheses of Artificial Intelligence / Sinteze de inteligența artificială*, Tehnopress, Iasi, 205 pag.
- Florin Leon** (2016). *Software Project Management - Course Support / Managementul proiectelor software - Suport de curs*, Tehnopress, Iasi, 194 pag.
- Florin Leon** (2014). *Artificial Intelligence: Support Vector Machines / Inteligența artificială: mașini cu vectori suport*, Tehnopress, Iasi, 184 pag.
- Florin Leon** (2012). *Artificial Intelligence: Probabilistic Reasoning, Classification Techniques / Inteligența artificială: raționament probabilistic, tehnici de clasificare*, Tehnopress, Iasi, 193 pag.
- Florin Leon** (2012). *Software Engineering Applications in C# / Aplicații de ingineria programării în C#*, Tehnopress, Iasi, 264 pag.
- Florin Leon** (2008). *Web Mining. Applications / Explorarea datelor web. Aplicații*, Tehnopress, Iasi, 149 pag.
- Florin Leon** (2007). *Artificial Intelligence - From Search to Knowledge*, Tehnopress, Iasi, 244 pag.
- Gabriela Maria Atanasiu, **Florin Leon** (2007). *Structural Dynamics Applications Using Matlab*, Tehnopress, Iasi, 242 pag.
- Florin Leon** (2006). *Intelligent Agents with Cognitive Capabilities / Agenți inteligenți cu capacități cognitive*, Tehnopress, Iasi, 271 pag.
- Cristian Aflori, Mitica Craus, Ioan Sova, **Florin Leon**, Cristian Butincu, Cristian-Mihai Amaranței (2005). *GRID - Technologies and Applications / GRID - Tehnologii și aplicații*, Politehnicum, Iasi, 198 pag.
- Mitica Craus, Cristian Butincu, Cristian Aflori, Ioan Sova, **Florin Leon**, Augustin-Ionut Gavrilă (2005). *Information Retrieval on the Web / Regăsirea informațiilor pe web*, Politehnicum, Iasi, 200 pag.
- Florin Leon**, Mihai Horia Zaharia (2005). *Software Engineering / Ingineria programării*, Politehnicum, Iasi, 192 pag.
- Mihai Horia Zaharia, **Florin Leon** (2004). *C Language from Zero to Student / Limbajul C de la zero la student*, Politehnicum, Iasi, 321 pag.
- Florin Leon** (2014). *Advanced Methods in Artificial Intelligence: Agents, Optimization and Machine Learning* (habilitation thesis), 190 pag.
- Costin Badica, Yannis Manolopoulos, Mirel Cosulschi, George Eleftherakis, **Florin Leon** (eds.) (2015). *Proceedings of the 7th Balkan Conference on Informatics Conference, BCI '15*, Craiova, Romania, September 2015, ACM 2015, New York, USA
- Florin Leon** (ed.) (2006). *Artificial Intelligence - Principles, Techniques, Applications / Inteligența artificială - principii, tehnici, aplicații*, Tehnopress, Iasi, 702 pag.

Articole și capitole de carte (selecție) / Papers and Book Chapters (Selection)

2019

- Florin Leon**, Costin Badica (2019). *Expressing Multiagent Coalition Structure Problems for Optimisation by Quantum Annealing*, Enterprise Information Systems, vol. 13, no. 7-8, pp. 959-978, Taylor & Francis, DOI: 10.1080/17517575.2018.1552993
- Florin Leon**, Marius Gavrilă (2019). *A Review of Tracking, Prediction and Decision Making Methods for Autonomous Driving*, arXiv preprint, <https://arxiv.org/abs/1909.07707>
- Sabina-Adriana Floria, **Florin Leon**, Doina Logofatu (2019). *A Model of Information Diffusion in Dynamic Social Networks Based on Evidence Theory*, Journal of Intelligent and Fuzzy Systems, vol. 37, no. 6, pp. 7369-7381, IOS Press, DOI: 10.3233/JIFS-179346

Fitore Muharemi, Doina Logofatu, **Florin Leon** (2019). *Machine learning approaches for anomaly detection of water quality on a real-world data set*, Journal of Information and Telecommunication, vol. 3, no. 3, pp. 294-307, DOI: 10.1080/24751839.2019.1565653

Petru Cascaval, **Florin Leon** (2019). *Active Redundancy Allocation in Complex Systems by Using Different Optimization Methods*, Proceedings of the 11th International Conference on Computational Collective Intelligence (ICCCI 2019), Hendaye, France, September 2018, eds. N. Nguyen, R. Chbeir, E. Exposito, P. Aniorde, B. Trawinski, Computational Collective Intelligence, Lecture Notes in Computer Science, vol. 11683, pp. 625-637, Springer, Cham, Switzerland, DOI: 10.1007/978-3-030-28377-3_52

Andreea-Iulia Patachi, **Florin Leon**, Doina Logofatu (2019). *A Deep Network System for Simulated Autonomous Driving Using Behavioral Cloning*, Proceedings of the Engineering Applications of Neural Networks (EANN 2019), Crete, Greece, May 2019, Communications in Computer and Information Science, vol. 1000, pp. 235-245, Springer International Publishing, Cham, DOI: 10.1007/978-3-030-20257-6_20

Sabina-Adriana Floria, **Florin Leon**, Petru Cascaval, Doina Logofatu (2019). *An Evaluation of Various Regression Models for the Prediction of Two-Terminal Network Reliability*, Proceedings of the 28th International Conference on Artificial Neural Networks (ICANN 2019), Munich, Germany, September 2019, eds. I. Tetko, V. Kurkova, P. Karpov, F. Theis, Theoretical Neural Computation, Lecture Notes in Computer Science, vol. 11727, pp. 267-280, Springer, Cham, Switzerland, DOI: 10.1007/978-3-030-30487-4_21

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