



Curriculum vitae Europass



Personal information

First name(s)/Surname(s) **Florea Adina Magda**
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Nationality **Romanian**
Date of birth **12/05/1957**
Gender **Female**

Desired employment / Occupation field

Higher education

Work experience

Dates **2012 - present**
Occupation or position held

- Professor, Department of Computers, Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest
- Vice-Rector of University POLITEHNICA of Bucharest (2020-2024)
- Dean of Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest (2012-2020)
- Director of AI-MAS Laboratory (Artificial Intelligence and Multi-Agent Systems), <http://aimas.cs.pub.ro/>
- Member of the Faculty Board (1999-present)
- Member of the Senate of University POLITEHNICA of Bucharest (2008-present)
- Founding Member and President of the Romanian Association for Artificial Intelligence (Asociației Române pentru Inteligență Artificială)
- Chair of IEEE Romanian Section - Chapter of Computational Intelligence Society
- Senior Member of IEEE (Institute of Electrical and Electronics Engineers)
- Senior Member of ACM (Association for Computing Machinery)
- President of Commission No 15: Computers, Information Technology and Systems Engineering of CNATDCU (Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare, 2016-2020)
- PhD adviser since 2011
- Finalized PhD thesis (validated by CNATDCU): 20 (of which 6 in joint coordination with Univ Pierre et Marie Curie, Ec. Mines Saint Etienne, Utrecht Univ)

Personal page <http://aimas.cs.pub.ro/people/adina.florea/>

Main activities and responsibilities	<ul style="list-style-type: none"> • Main research area: artificial intelligence. Current research areas: artificial intelligence, intelligent agents and multi-agent systems, machine learning, ambient intelligence, human-robot interaction, e-learning. • Previous research on: knowledge representation, symbolic logic, automated theorem proving, nonmonotonic reasoning, expert systems, neural networks. • Development of a new domain of research in the Department of Computer Science of UPB: intelligent agents and multi-agent systems, and then set-up of the AI-MAS Laboratory (Artificial Intelligence and Multi-Agent Systems), • Courses taught – Department of Computer Science, UPB Bachlor: <ul style="list-style-type: none"> ○ Artificial Intelligence ○ Machine learning Master: <ul style="list-style-type: none"> ○ Knowledge representation and reasoning ○ Multi-agent systems • Courses taught – Faculty of Engineering Sciences, UPB <ul style="list-style-type: none"> ○ Intelligence Artificielle (in French) ○ Artificial Intelligence (in English) • Director of national and international R&D grants (FP6, FP7, COST, World Bank, Minerva, Erasmus Mundus, Structural Funds)
Name and address of employer	Universitatea POLITEHNICA din București, Splaiul Independentei 313, București, Cod Postal 060042, Romania
Type of activity or activity sector	Higher education
Dates	August 2001 – July 2002
Occupation or position held	<ul style="list-style-type: none"> • Invited Associate Professor at Department of Computer Science, Worcester Polytechnic Institute, MA, USA
Main activities and responsibilities	<ul style="list-style-type: none"> • Courses taught: <ul style="list-style-type: none"> ○ CS534: Artificial Intelligence (graduate) ○ CS536: Programming Language Design (graduate) ○ CS525M: Multi-Agent Systems (graduate) – first time taught at CS WPI ○ CS2005 Programming Techniques and Data Structures (undergraduate) • Research in the domain of Multi-Agent Systems • Member of Undergraduate Committee, Worcester Polytechnic Institute, MA, August 2001-July 2002.
Name and address of employer	Computer Science Department, Worcester Polytechnic Institute, 100 Institute Road - Worcester, MA 01609-2280, USA
Type of activity or activity sector	Higher education
Dates	February 2000 – July 2001
Occupation or position held	<ul style="list-style-type: none"> • Professor, Department of Computers, Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest • Director of AI-MAS Laboratory (Artificial Intelligence and Multi-Agent Systems), http://aimas.cs.pub.ro/ • Professor at the Faculty of Engineering Sciences, UPB
Main activities and responsibilities	<ul style="list-style-type: none"> • Courses taught – Department of Computer Science, UPB Bachlor: <ul style="list-style-type: none"> ○ Artificial Intelligence ○ Logical Foundations of Artificial Intelligence ○ Real Time System Programming • Courses taught – Faculty of Engineering Sciences, UPB <ul style="list-style-type: none"> ○ Intelligence Artificielle (in French) ○ Artificial Intelligence (in English) • Research in artificial intelligence and Multi-Agent Systems
Name and address of employer	Universitatea POLITEHNICA din București, Splaiul Independentei 313, București, Cod Postal 060042, Romania
Type of activity or activity sector	Higher education

Dates	January 1990 – January 2000
Occupation or position held	<ul style="list-style-type: none"> • Associate Professor (1998-2000) at Assistant Professor (1990-1998), Department of Computers, Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest • Associate Professor at the Faculty of Engineering Sciences, UPB
Main activities and responsibilities	<ul style="list-style-type: none"> • Courses taught – Department of Computer Science, UPB Bachlor: <ul style="list-style-type: none"> ○ Artificial Intelligence ○ Logical Foundations of Artificial Intelligence ○ Real Time System Programming • Courses taught – Faculty of Engineering Sciences, UPB <ul style="list-style-type: none"> ○ Artificial Intelligence ○ Intelligence Artificielle ○ Programming Languages ○ Data Structures and Algorithms • Research in symbolic logic, expert systems, neural networks
Name and address of employer	Universitatea POLITEHNICA din București, Splaiul Independentei 313, București, Cod Postal 060042, Romania
Type of activity or activity sector	Higher education
Dates	January 1986 – January 1990
Occupation or position held	<ul style="list-style-type: none"> • Teaching Assistant at Department of Computers, Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest
Main activities and responsibilities	<ul style="list-style-type: none"> ○ Programming Languages ○ Data Structures and Algorithms ○ Formal languages and compilers • Research in symbolic logic, expert systems, neural networks
Name and address of employer	Universitatea POLITEHNICA din București, Splaiul Independentei 313, București, Cod Postal 060042, Romania
Type of activity or activity sector	Higher education
Dates	Octombrie 1983 - Ianuarie 1986
Occupation or position held	<ul style="list-style-type: none"> • Programmer
Main activities and responsibilities	<ul style="list-style-type: none"> • Researches in Artificial Intelligence
Name and address of employer	Informatics Research Institute, Bucharest
Type of activity or activity sector	Research
Education and training	
Dates	1992-1997
Type of qualification awarded	Ph.D. in Computer Science
Principal subjects / occupational skills covered	<ul style="list-style-type: none"> • Artificial Intelligence PhD Title: Knowledge-based System for Nonmonotonic Reasoning
Name and type of organization providing education and training	Universitatea POLITEHNICA din București
Level of national or international classification	ISCED 6
Dates	1976-1981
Type of qualification awarded	Engineering Diploma, Universitatea POLITEHNICA din București, Facultatea Automatica si Calculatoare, Sectia Calculatoare

Principal subjects / occupational skills covered
 Name and type of organization providing education and training
 Level of national or international classification

• Grade: 9.80/10
 Specialization: Computers
 Universitatea POLITEHNICA din București
 ISCED 6

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment
 European level (*)

English

French

Understanding		Speaking				Writing			
Listening		Reading		Spoken interaction		Spoken production		Written proficiency	
	C2		C2		C2		C2		C2
	C2		C2		C2		C2		C2

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competencies

- Development of a new direction of research, of a set of new courses, and of a research group and laboratory
- Ability to contribute to the development of young specialists in computer science
- Abilities to communicate obtained during academic and research activities
- Ability to set up professional connections with various people and scientific, professional and industrial environments
- Cooperation with colleagues for research and development projects

Management skills and competencies

- Vice-Rector of University POLITEHNICA of Bucharest (2020-2024)
- Dean of Faculty of Automatic Control and Computers, University POLITEHNICA of Bucharest (2012-2020)
- Vicedean for research, Faculty of Automatic Control and Computers, UPB (2008-2012)
- Member of the Faculty Board (1999-present)
- Member of the Senate of University POLITEHNICA of Bucharest (2008-present)
- General Co-Chair of Control Systems and Computer Science International Conference, from 2013

Technical skills and competencies

- Consultant for e-learning solutions for Intel
- Consultant for Web applications for Podium-IT, France

Computer skills and competencies

- Programming languages: LISP, Scheme, Haskell, Prolog, C, C++, Java, Pascal

Other skills and competencies

- Author of over 200 scientific papers in journal and scientific conferences
- Member of over 170 scientific conferences programme committees
- Ph.D. adviser (20 thesis advised and finalized)
- Adviser of joint coordination PhDs with Univ. Pierre et Marie Curie, France, Ecole Nationale des Mines de Saint Etienne, France, and Utrecht Univ, Holland (6 thesis finalized)
- Member in PhD juries in Romania and France
- Director of national and international grants (FP6, FP7, COST, Banca Mondiala, Minerva, Erasmus Mundus, Fonduri Structurale): 12 international, 18 national
- Managed budget of grants R&D: over 6 mil euro; managed budget of Structural Funds projects: over 20 mil euro
- **Senior member al IEEE**
- **Senior member al ACM**
- *Member of the international working group which developed the draft document on Beijing Consensus on Artificial Intelligence and Education, May 2019*

Invited professor

- Université Pierre et Marie Curie, 2011, 2010, 2009, 2008, 2015, 2018
- Ecole Nationale Supérieure des Mines de Saint Etienne, 2007, 2009, 2015
- Université de Lille și Ecole Centrale de Lille, 2010, 2011, 2014
- Ecole Polytechnique de l'Université de Nantes, France, May 2004
- Université Paris 13, Institut Galilée, France, March 2003
- Computer Science Department, Worcester Polytechnic Institute, MA, USA, August 2001- July 2002
- Thayer School of Engineering, Dartmouth College, NH, USA, August 2000
- Research Institute for Advanced Computer Science of NASA Ames Research Center, CA, USA, July 2000
- Université Paris XIII, Institut Galilée, France, December 1999
- IRESTE, Nantes, France, June 1999
- Dumfries and Galloway College of Technology, UK, March-April 1999
- IMAG, INPG, Grenoble, France, June 1997

Study visits:

- EU TRACS - Universitatea din Edinburgh și Edinburgh Parallel Computing Center, Marea Britanie 2001.
- Departamentul de Inteligență Artificială, Vrije University of Amsterdam, Olanda –2000.
- Laboratorul de Inteligență Artificială, Vrije University of Bruxelles, Belgia –2000.
- Darlington College of Technology, Marea Britanie –1999.
- Edinburgh Parallel Computing Center și Oxford Parallel Computing Center, Marea Britanie 1998.
- Darlington College of Technology, Marea Britanie –1997.
- Universitatea Tehnică din Atena, Grecia –1996.
- Universitatea Paris 13, Institutul Galilée, Franța 1995.
- INPG, Grenoble, Franța 1995.
- CACI, Camberley, Marea Britanie –1992.
- Universitatea Jean Monet și CILEC, Saint-Etienne, Franța –1991.

Member of evaluation commissions in FP6, FP7, CHIST-ERA, Horizon 2020

Member of evaluation commissions in Idei, Parteneriate, Tinere echipe (CNCS)

Member of evaluation commissions in NSF COBASE (Collaboration in Basic Science and Engineering)

Member of evaluation commissions in EU INTAS programme (2000-2001, 2003)

Member of evaluation commissions in SEE-ERA NET (2007)

Member of evaluation commissions in CNCSIS (1998-2001, 2003-2009), CEEX (2006), CNMP (2008-2009) - Romania

Member of evaluation commissions in RELANSIN (1999-2001) - Romania

Member of evaluation commissions in "Fonds francophones des inforoutes" (2000) – AUF

Driving licence(s)

Category B

Additional information

- Manager of the Structural Funds project *PRECIS: Research infrastructure for the development of intelligent, innovative products and processes*, ID 1858/cod SMIS - CSNR 48590, 2015-2016
- Manager of the structural funds project *NETIO - Research, innovation and development ecosystem for IoT products and services*, P_40_270, 2016-2020
- Coordinator of the European project *CAMI: Artificially intelligent ecosystem for self-management and sustainable quality of life in AAL* – consortium of 8 universities and companies from 8 European countries, 2015-2018
- Coordinator of the FP7 project *ERRIC: Empowering Romanian Research on Intelligent Information Technologies* (FP7-REGPOT-2010-1), 2010-2013
- Member in *Management Committee al EU COST Action IC0801: Agreement Technologies*, ESF
- Director for UPB of the programme *Erasmus Mundus Master of Science Programme "Data Mining & Knowledge Management"*, 2010-2014
- Director of Agents intelligents, Grant of "Agence Universitaire de la Francophonie", 2001-2002
- Director of Représentation logique des connaissances pour les agents intelligents, Grant AUEP-UREF "Université Virtuelle Francophone", 2000-2001
- Member in *Management Committee of AgentLink III: Co-ordination Action for Agent Based Computing*
- Director of the Master of Science programme *Master of Science in Artificial Intelligence* (in English), Faculty of Automatic Control and Computers, UPB
- *Best paper award* at the 6th International Conference on the Internet of Things (IoT16), Stuttgart, Germany, November 7-9, ACM DL, p.53-61, 2016.
- *Award Belgium Crystal 2009*
- *2 IBM Academic Grant awards*
- Associate member of *Academiei Oamenilor de Știință din România*
- Member of the general Council of CNATDCU – President of Comission on Computers, Information Technology and Systems Engineering

Appendices

April 2020