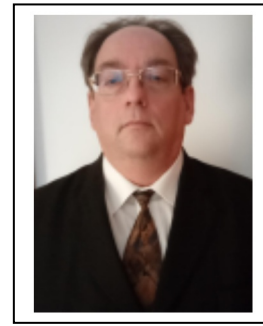


Curriculum Vitae



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Nationality Romanian

Date of Birth November 27, 1970

Civil Status Married, one child

Present Position Associate professor at Dept. Computer Science and Engineering, Faculty of Automatic Control and Computer Science, Technical University "Gh. Asachi" (UTI)

Specialization Distributed systems, parallel computer architecture, computer networks security, design patterns, microprocessor applications, geographical information systems, distributed artificial intelligence and mobile computing.

Education M.Sc. Computer science, Technical University "Gh. Asachi" Iasi Romania, 1989-1994
Ph. D. in Computer Science, Technical University "Gr. Asachi" Iasi, Romania. 1995-2002

<i>Languages</i>	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
Romanian	Native	Native	Native
English	Excellent	Excellent	Good
French	Fair	Good	Fair

Professional Record 1995 – 1998 system engineer at Computer Sciences Department from Technical University "Gh. Asachi" Iasi
1998 – 1999 instructor at Computer Sciences Department from Technical University "Gh. Asachi" Iasi
1999 - 2000 teaching assistant at Computer Sciences Department from Technical University "Gh. Asachi" Iasi
2000 – 2001 assistant professor invited, Department of Sciences, Faculty of Biomedical Engineering, University of Medicine and Pharmacy "Gr. T. Popa", Iasi, Romania
2001 – 2004 assistant professor at Computer Sciences Department from Technical University "Gh. Asachi" Iasi

2007 – 2011 associate professor invited at Psychology and Education Sciences Department from University “A.I. Cuza” Iasi

2004 – present associate professor at Computer Sciences Department from Technical University “Gh. Asachi” Iasi

ORCID

<https://orcid.org/0000-0002-7091-1358>

Professional Associations membership

European Network of Excellence on High Performance and Embedded Architecture and Compilation – Hipeac

Program committee:

2nd International Workshop on Biological Knowledge Discovery and Data Mining (BIOKDD'10)

2nd International Workshop on Biological Knowledge Discovery and Data Mining (BIOKDD'11)

ICSTCC 2011 International Conference on System Theory, Control and Computing (PC)

International Symposium on Management Intelligent Systems 11th - 13th July, 2012

The 3rd International Workshop on Intelligent Data Analysis and Management, September 9 – 13, 2013Kaohsiung, Taiwan

MoMM2014 The 12th International Conference on Advances in Mobile Computing & Multimedia (PC)

MoMM2015 - The 13th International Conference on Advances in Mobile Computing and Multimedia (PC)

CSICT2017 - The 2017 International Conference on Computer Science and Information Communication

IoTBDs 2017 2nd International Conference on Internet of Things, Big Data and Security (PC)

IoTBDs 2018 2nd International Conference on Internet of Things, Big Data and Security (PC)

CCNET 2023 - <https://www.ccnet2023.org/committee>

CCCIOT 2023 - <https://acsty2023.org/ccciot/committee>

SIPO 2023 - <https://aisca2023.org/sipo/committee>

<https://www.ccsea2023.org/dkmp/committee>

...

Member in Organizing Committee:

International Conference on Development and Application Systems May 27-29, 2010 - Suceava, Romania

International Conference on Development and Application Systems May 17-19, 2012 - Suceava, Romania

International Conference on Development and Application Systems May 17-19, 2014 - Suceava, Romania

Research projects

Prototype of dynamic distributed resource management in mobile computing using intelligent agents

Project leader. Client The National University Research Council Romania, 1995-1996

Prototype of intelligent geographical system with information retrieval using intelligent agents

Project leader. Client The National University Research Council Romania, 1995

Integrated Software system for juridical land monitoring

Project leader from UTI as partner. Client Managerial agency for Scientific Research, Innovation and Technological Transfer – Minister of National Education and Research 2004-2006

Optimisation du mode d' apprentissage en Entreprise d' Entrainement Pedagogique par l' e – learning

Technical leader. Client Leonardo Agency, pilot project 2005-2007

Telematic system for on-line management of intravilan degrade terrains

Project leader from UTI as partner. Client National center for programme management - Minister of National Education and Research 2006-2008

Multisensorial stimulator for virtual universes navigations based on virtual reality technology

Project leader from UTI as partner. Client National center for programme management - Minister of National Education and Research 2006-2008

E-FAST: Design Study of a European Facility for Advanced Seismic Testing, proiect FP7 nr. 212109/2007,

Team member, Client EC- FP7, 2007-2011

SERIES: Seismic Engineering Research Infrastructures for European Synergies FP7-INFRASTRUCTURES – 2008 – 1

Team member, Client EC- FP7, 2008-2014

Multiphase polymer materials – biodegradable, biocompatible, biologic active, artificial motile artificial system – with applications in medicine and environment protection

Team member, Client Atomic Physic Institute, 2003 -2004

Heterogeneous distributed systems Technology and applications

Team member, Client World Bank, 1997-2000

Architecture of converters A/D with propagation. Application in data acquisition systems, using parallel interface of IBM-PC into computer networks

Team member, Client The National University Research Council Romania, 1997

A study for implementation of pilot stand for Tri-phase counters automatic calibration

Team member, client Electrical Power Company Bacau, 1997

Reviewer

2017

Future Generation Computer Systems Elsevier

Simulation Modelling Practice and Theory Elsevier

2024

Expert Systems With Applications

2018-

various MDPI journals

Papers:57

Selected Papers:

1. Mihai Horia Zaharia, A Multiagent Approach to Database Migration for Big Data Systems, NMNC Vol: 13 Iss: 02 pp 159-180, <http://dx.doi.org/10.1142/S1793005717400051>
2. Mihai Horia Zaharia, A smart environment infrastructure, Environmental Engineering and Management, ISSN 1582-9596, 2016, October 2016, Vol.15, No. 10, 2285-2300,
3. Mihai Horia Zaharia, Florin Alexandru Hodoroagea, Research stakeholders identification using an mobile agent's framework, Volume 72, 15 April 2017, Pages 18–29.
4. M.H. Zaharia, A. Hodoroagea, G.M. Atanasiu, Automatic extraction of real organisational hierarchy using JADE, in Management Intelligent System, Jorge Castiliasn, Francisco J. Martinez-Lopez, Juan M. Corchado (Eds.), ppg. 185-197, 2012, Springer, New York, ISSN 2194-5357.
5. M. H. Zaharia, F. Leon, G. M. Atanasiu, "A distributed application for infrastructure risk prevention", in Bridge maintenance, safety, management and life-cycle optimization, proc of the fifth intl. conf. on bridge maintenance, safety and management, Philadelphia, Frangopol, Sause & Kusko (eds), Taylor & Francis Group, London, 2010.
6. G. M. Atanasiu, M. H. Zaharia, F. Leon. Life Cycle Monitoring for Urban Public Infrastructure Based on Classification Techniques, Safety, Reliability and Risk of Structures, Infrastructures and Engineering Systems, Furuta, Frangopol & Shinozuka (eds), pp. 466-473, Taylor & Francis Group, London, 2010.
7. St. A. Boronea, M. H. Zaharia, G. M. Atanasiu, Distributed Artificial Intelligence in Organisational Management, European Conference on Intellectual Capital, ECIC 2010, Portugal, 2010.

Book Chapters

1. M.H. Zaharia A Paradigm Shift in Cyberspace Security, in Emerging trends in ICT security edited by Babak Akhgar, Hamid R. Arabnia, Morgan Kaufmann, pp. 443-451, Morgan Kaufmann, Elsevier, ISBN 9780124114746, 2014 (chapter)
2. M.H. Zaharia, Generalized demand driven web services, in Demand-Driven Web Services: Theory, Technologies and Applications, edited by Zhaohao Sun and John Yearwood, IGI Global, pg. 102-134, DOI: 10.4018/978-1-4666-5884-4.ch012, 2014 (chapter)
3. M. H. Zaharia, AI Applications in Psychology, Expert Systems for Human, Materials and Automation, InTech, 2011, ISBN 978-953-307-334-7 <https://www.worldcat.org/title/846874352> (chapter)
4. M.H. Zaharia, G. Atanasiu, Quality Needs of IT Infrastructure in Modern Earthquake Engineering Laboratories, Role of Seismic Testing Facilities in Performance Based Earthquake Engineering, Springer-Verlag, 2011, ISBN 978-94-007-1977-4 <https://www.worldcat.org/title/757941656> (capitol)
5. D. Galea, F. Leon, M. H. Zaharia, E-learning Distributed Framework using Intelligent Agents New Trends in Computer Science and Engineering, 2003, 159-164, Ed Polirom, Iasi (capitol)
6. M. H. ZAHARIA, F. LEON, D. GaLEA, A simulator for load balancing analyze in distributed systems, SISTEME DISTRIBUITE - Tehnologii 2003, pg. 53-59, Editura Universității din Suceava, ISBN 973-666-059-1 (capitol)
7. M. H. ZAHARIA, Stefan-Gheorghe PENTIUC, Using Gestual ComMands in Complex Robotic Systems Cristea PAL, Seminarul de Sisteme Distribuite, USV 2007, Suceava, Romania (capitol)
8. Alexandru VALACHI, M.H. ZAHARIA, Marcelin BALASCA-MIHOCI, A NEW APPROACH IN DISTRIBUTED URBAN TRAFFIC SYSTEM DESIGN, seminar sisteme distribuite, Procesare distribuita, editura Universitatii Suceava, ISSN 1842-6808, ppg 7-15, 2006 (capitol)

Books list

1. Zaharia Mihai Horia, Oprișan Octavian, Crihan Cosmin, Răileanu Gabriel, Bârleanu Theodor Alexandru, Axinte Cristian Tiberius, Paradigme și aplicații în nor ale sistemelor distribuite moderne, Editura Universității Tehnice "Gheorghe Asachi" din Iași, 2023
2. Mihai Horia Zaharia, Cătălin Horghidan, Claudiu Mihăilă, Sisteme Distribuite: îndrumar de laborator, Politehniul, 2007, ISBN 978-973-621-175-1, 225 pg
3. F. Leon, M. H. Zaharia: Ingineria programarii ("Software Engineering"), Ed. Politehniul, 2005, ISBN 973-621-131-2, 180 pg
4. M. H. Zaharia, F. Leon, Limbajul C de la zero la student, ("C language from 0 to student"), Ed. Politehniul (fostă "Gh. Asachi"), 2004, ISBN 973-621-099-5, 320 pg
5. M. H. Zaharia, Sisteme Paralele și distribuite ("Parallel and distributed systems"), Ed. "Gh. Asachi", 2003, ISBN 973-621-056-1, 187 pg
6. M. H. Zaharia, Fluxuri de producție în medii distribuite ("workflows in distributed systems"), Ed. FC "Renasterea Română", 2000, ISBN 973-97246-5-5 75 pg
7. C.E. Onete, M. Zaharia, coord. Al. Valachi, Proiectarea sistemelor digitale asincrone ("Asynchronous Digital system design") Ed. Spectrum, 1999, ISBN 973-98335-5-1, 50 pg
8. C.I. Vlad, F. Ionescu, D. Arotăriței, M.H. Zaharia, Aplicații de control în mecatronică ("Control applications in mecatronics") Ed. BIT, 1999, ISBN 973-96414-9-0, 210 pg
9. D. Arotăriței, M.H. Zaharia, Proiectarea translațoarelor și limbajul C ("Translators design and C language"), Ed. BIT, 1999, ISBN 973-9327-34-6, 150 pg
10. C. Botez et al, – Teste de Informatică, Ed. Gh. Asachi Iași, 2001, ISBN 973-805093-6;

Intl citations (ISI+BDI): 214