

PUBLICATII, DISEMINARE

Etapa I - Proiectarea Demonstratorului functional de concept N-WATCHDOG (PoC)

A.D. Ionita, A. Olteanu, *Data Acquisition, Processing and Visualization for Early Warning Information Systems*, IEEE International Symposium on Fundamentals of Electrical Engineering **2014** (ISFEE 2014), November 28-29, 2014, DOI: 10.1109/ISFEE.2014.7050608, INSPEC Accession Number: 14949343 – [articol conferinta internationala](#)

A.D. Ionita, A. Olteanu, *Domain specific models, knowledge and tools to support multiple learning styles for engineering students*, Revue Roumaine des Sciences Techniques – Série Electrotechnique et Energétique, Volume: 59, Issue: 4, **2014**, Pages: 423-432, WOS:000346950200009, [**Impact Factor: 0,368**] – [articol publicat revista indexata ISI](#)

Etapa II - Dezvoltarea software si implementarea Demonstratorului N-WATCHDOG (PoC)

A.D. Ionita, M. Mocanu, *Multiple Modeling Paradigms Applied for Accidental Pollution Management*, Environmental Engineering and Management Journal, issue 9 Volume 14, **2015**, Pages: 2051-2060, [**Impact Factor: 1,065**] – [articol publicat revista indexata ISI](#)

A.D. Ionita, A. Olteanu, A. Budu, D. Moraru, I. Prisecaru, *Models and Technologies for Making Aspects of the Dosimetry Education Accessible to Non-Specialists*, The 11th International Scientific Conference eLearning and Software for Education Bucharest, April 23-24, **2015** 10.12753/2066-026X-15-053 – [articol publicat - conferinta indexata ISI](#)

A.D. Ionita, A. Gurau, *Visual Modeling Environment for Sensor Networks*, ISEF 2015 - XVII International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, Valencia, Spain, September 10-12, **2015**, ISBN: 978-84-606-9102-0 – [articol publicat - conferinta internationala cu ISBN](#)

D. Dupleac, M. Mladin, I. Prisecaru, D.E. Moraru, *Overview of the SCDAPSIM/RELAP5 Studies performed at Politehnica University of Bucharest on the CANDU 6 Accident Analysis*, 7th International Conference on Energy and Environment CIEM 2015 Conference Proceedings, 22-23 octombrie **2015**, Iasi, Romania - [articol publicat - conferinta internationala](#)

Capitol de carte indexata

A. D. Ionita, M. Mocanu, *Models of Organizational Change for Modernizing Pollution Warning Services*, In IAENG Transactions on Engineering Sciences: Special Issue for the International Association of Engineers Conferences 2014, Edited by: Sio-long Ao, Alan Hoi-Shou Chan, Hideki Katagiri, Li Xu, World Scientific, **2015**, ISBN: 978-981-4667-35-7 (hardcover), ISBN: 978-981-4667-37-1 (ebook), pp. 498-510, DOI: 10.1142/9789814667364_0037

Organizare workshop in conjunctie cu o conferinta internationala [UPB]

First International Workshop on *Models and Technologies for Providing Education and Awareness Services at a Large Scale* (EASe). Co-located with *The 11th eLearning and Software for Education Conference eLSE 2015*, organized by the Romanian Advanced Distributed Learning Association, Bucharest, April 23th - 24th, **2015**. (<http://elseconference.eu>).

Workshop organizers: University Politehnica of Bucharest, Research Institute for Artificial Intelligence, The Romanian Academy



INTERNATIONAL SCIENTIFIC CONFERENCE
eLearning and Software for Education

Bucharest

April 21st - 22nd 2016

The purpose of the annual international scientific conference on "eLearning and software for education" is to enable the academia, research and corporate entities to boost the potential of the technology enhanced learning environments, by providing a forum for exchange of ideas, research outcomes, business case and technical achievements.



eLSE 2016
Register

Supporting Organizations



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Workshop-ul EASe, organizat de UPB, este mentionat pe pagina conferintei principale, la adresa http://elseconference.eu/pages/view?page=call_for_papers, sectiunea *Workshops*.

Pagina acestuia se afla la adresa:

http://elseconference.eu/pages/view?page=workshop_on_models_technologies.

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EBSCO HOST

Models and Technologies for Providing Education and Awareness Services at a Large Scale (EASe)

First International Workshop on Models and Technologies for Providing Education and Awareness Services at a Large Scale (EASe)

Topics:

- Reengineering learning process models due to the adoption of new technologies
- Social media support for education and awareness services
- Ontologies for e-Learning
- E-Learning systems deployed in Cloud environments
- Web and semantic technologies applied in eLearning and awareness systems
- Collective awareness and early warning platforms for territorial and social vulnerabilities
- Geographical information systems for educational purposes
- Large scale experiments for providing education and awareness services

Motivation

Educational and awareness services share a lot of technological solutions, as well as provisioning models. This workshop will bring together specialists in e-Learning and researchers interested in systems for increasing the population awareness regarding various hazards, like earthquakes, floods, pollution or industrial accidents.

Impact and expected outcomes

Our aim is to identify common challenges and solutions, and to analyze the similarities in terms of platforms, scale, requirements, visualization techniques, representation of knowledge etc. The outcome expected in the long run is a community of scientists for an integrated approach of education, equally covering traditional programs, personal enrichment and public awareness.

Workshop organizers

Anca Daniela Ionita, University Politehnica of Bucharest
Cristina Niculescu, Research Institute for Artificial Intelligence, Romanian Academy, Bucharest
Angela Ionita, Research Institute for Artificial Intelligence, Romanian Academy, Bucharest
Adriana Olteanu, University Politehnica of Bucharest, Romania

Supporting Organizations

National Defence University "Carol I"

The University of Bucharest

Romania ADL Partnership Lab

University POLITEHNICA of Bucharest

Etapa III – Testarea in-house si evaluarea Demonstratorului N-WATCHDOG. Dezvoltarea Modelului experimental N-WATCHDOG (EM). PARTEA I

A.D. Ionita, A. Olteanu, R. N. Pietraru, *Reengineering Learning scenarios with WEB-based technologies*, The 12th International Scientific Conference eLearning and Software for Education, Bucuresti, April 21-22, **2016**, DOI 10.12753/2066-026X-16-217 – articol publicat – conferinta indexata ISI

A.D. Ionita, C-T Eftimie, G. Lewis, M. Litoiu, *Integration of Hazard Management Services*, International Conference on Exploring Services Science, Bucuresti, 25-27 mai **2016**, DOI 10.1007/978-3-319-32689-4_27 – articol publicat in Lecture Notes in Business Information Processing, Editor Springer International Publishing – conferinta indexata ISI si BDI

A.D. Ionita, M. Mocanu, *Modeling Framework for Hazard Management Applied to Water Pollution and Radiation Dispersion*, IEEE 12th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, 8-10 sept. **2016**, DOI 10.1109/ICCP.2016.7737136 – articol publicat – conferinta indexata ISI si BDI

A.D. Ionita, M. Mocanu, *Architectural Framework for Hazard Warning Systems*, CENTERIS 2016 - Conference on Enterprise Information Systems, Porto, Portugalia, 5-7 octombrie 2016, articol publicat – conferinta internationala cu ISBN

A.D. Ionita, D.E. Moraru, A. Budu, I.C. Prisecaru, *Capabilities for Education and Public Awareness within a Research Project on Radiological and Nuclear Vulnerabilities*, 9th annual International Conference of Education, Research and Innovation, Seville, Spania, 14-16 November, **2016** - articol publicat – conferinta internationala (in curs de indexare ISI)

A.D. Ionita, A. Olteanu, R.N. Pietraru, D.E. Moraru, A. Budu, I.C. Prisecaru, *Online Learning Content for Power Engineering Students, with Semantic-Based Navigability*, 9th annual International Conference of Education, Research and Innovation, Seville, Spania, 14 -16 November, **2016** - articol publicat – conferinta internationala (in curs de indexare ISI)

D.V. Vamanu, V.T.Acasandrei, *Project N-WATCHDOG - Serving an Emerging Paradigm in Nuclear Safety Perception and Practice*, Nuclear Security Summit, Washington D.C, 31 March - 1 April, **2016** – prezentare poster

Etapa IV – Dezvoltarea, testarea si livrarea Modelului experimental N-WATCHDOG EM

A. Olteanu, A. D. Ionita, A. S. Solomon, *Curriculum and Learning Content Management Based on Ontologies*, The International Scientific Conference eLearning and Software for Education eLSE 2017, Bucharest, Romania, April 27-28, **2017** – articol publicat – conferinta internationala (in curs de indexare ISI)

A.D. Ionita, M. Mocanu, *Metamodeling Approach for Hazard Management Systems*, 12th International Conference on Software Technologies (ICSOFT 2017), Madrid, Spain, July 24-26, **2017** - articol publicat – conferinta internationala (in curs de indexare ISI)

A.D. Ionita, A. Olteanu, R.N. Pietraru, I.C. Prisecaru, *Mapping E-Content to Domain Ontology for Education and Awareness of Nuclear Hazards*, 11th International Technology, Education and Development Conference, INTED 2017, Valencia, Spain, March 6-8, **2017** - articol publicat – conferinta internationala (in curs de indexare ISI)

A.D. Ionita, *Research Experience of Master's Students for Modeling Hazard Management Systems*, 11th International Technology, Education and Development Conference, INTED 2017, Valencia, Spain, March 6-8, **2017** - articol publicat – conferinta internationala (in curs de indexare ISI)