The First Symposium

on

Artificial Intelligence in e-Learning and Education, AIeLE'15

In the frame of

The 7th International Conference on Information Technology, ICIT 2015

May 12-15, 2015, AL-Zaytoonah University , Amman, Jordan

http://icit.zuj.edu.jo/

Aims and Scope

Artificial intelligence methodologies and techniques give e-learning systems added computing capability, allowing them to exhibit more intelligent behaviour. On the other side, the convergence of artificial intelligence, data mining, machine learning, educational technology and web science is enabling the creation of a new generation of knowledge-based tutoring and e-learning systems.

The objective of **AIeLE'15** symposium is to bring together scientists engaged in Educational Technology, Computational Thinking, Web Technology, Knowledge Engineering and Artificial Intelligence. It will provide a forum for identifying important contributions and opportunities for recent research on the different intelligent methodologies and techniques for developing intelligent tutoring and e-Learning systems.

Topics of interest

The topics of interest include, but are not limited to:
- Algorithmic Thinking
- Machine Learning in Education
- Data mining and Knowledge Discovery in e-learning
- Case-Based Reasoning Approach in e-Learning and education
- Ontological Engineering in e-Learning and education
- Web-based Learning, Wikis and Blogs
- Authoring Tools and Content Development
- Assessment Software Tools
- E-Testing and new Test Theories
- Computational Thinking
- Intelligent Tutoring Systems
- Semantic web, Social Software and Wikis for Knowledge Management
- Graph Theory and Combinatorial Optimization.
- Software Engineering in Intelligent Educational Systems Design
- Mobile Learning Technologies

- Educational Portals
- Knowledge Representation Techniques for e-Learning
- Reasoning Techniques
- Security and Privacy Aspects
- Cooperation with Industry in Education
- Visualization and animation in education
- Virtual laboratories and Learning Environment
- Medical ,Biological ,Business, and Engineering Applications databases
- International Projects

Symposium technical program committee

- **El-Sayed El-Horbaty,**Faculty of Computers and Information, Ain Shams Univ, **Egypt**
- **Jeanne Schreurs,** Faculty of Economic Sciences,Hasselt University , **Belgium**
- **Valérie Monfort**, Univ. Paris1 Panthéon Sorbonne, **France**
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- **Nouhad Rizk,** Computer Science department , University of Houston , **USA**
- **Eva Milková**, Faculty of Science, University of Hradec Králové, **Czech Republic**.
- **El-Sayed A. El-Dahshan,** Egyptian E-Learning University, Cairo, **Egypt**
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- **Nicu BIZON,** University of Pitesti, **Romania**
- **Michael Gr. Voskoglou,** Graduate Technological Educational Institute of Patras, **GREECE**
- **Mariam Manjgaladze ,** Duzce University, Turkay & Ivane javakhishvili Tbilisi State University**, Georgia**
- **Ketevan Gochitashvili,** Ivane javakhishvili Tbilisi State University,**Georgia**
- **Klimis Ntalianis,**Technological Educational Institute of Athens**, Greece**
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- **Andreea IONICA,**University of Petrosani**,Romania**
- **Monica Leba,** University of Petrosani**,Romania**
- **Raja Fenniche,** Institut Supérieur de Documentation, Université de la Manouba, **Tunisie.**
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- **Tatiana Hrivíková,** University of Economics in Bratislava, **Slovakia**
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- **Nina Rizun** , Alfred Nobel University, Dnepropetrovsk, **Ukraine**

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- **Adrian Micu**, Dunarea de Jos University of Galati, **Romania**
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- **Irma Aslanishvili** , Tbilisi Iv.Javakhishvili the state University of Georgia. Chavchavadze 3, **Georgia**
- **Veska Georgieva**, Technical University of Sofia, **Bulgaria**
- **Vladimir Sulov** , Department of Computer Science, University of Economics-Varna, **Bulgaria**
- **Silvia Parusheva ,** Department of Informatics, University of Economics-Varna**, Bulgaria**
- **Smaranda Belciug ,** Faculty of Mathematics and Natural Science, University of Craiova**, Romania**
- **Somia Sahraoui,** University Hadj Lakhdar Batna**, Algeria**
- **Fatiha Merazka,** University of Science & Technology Houari Boumediene**, Algeria**

Benefits and advantages of this event are:

- **This is a non-profit conference.**
- **Free Registration.**
- **One author of each accepted paper will enjoy a full board   hosting in Jordan during the conference for 3 days.**

Symposium Format

 The **AIeLE'15** symposium is planned to include: **Invited talks, Technical papers, International projects and Application papers.**

Submission of papers:

The submitted full papers, Maximum of 6 pages, should be written following to conference instructions http://icit.zuj.edu.jo/

The evaluation process will go through a "blind" review with two reviewers. Submissions should be directly to the session chair via e-mail: abmsalem@yahoo.com absalem@cis.asu.edu.eg until the **end of January**.

Instructions and Important Dates:

Please visit conference website at http://icit.zuj.edu.jo/

Download the call for paper

Symposium Chair: Prof. Dr. Abdel-Badeeh M. Salem

Prof. Dr. Abdel-Badeeh M Salem He is a Professor of Computer Science since 1989 at Faculty of Computer and Information Sciences , Ain Shams University, Cairo, Egypt. He is a professor emeritus since October 2007 . He was a Director of Scientific Computing Center at Ain Shams University (1984-1990). His research includes intelligent computing, expert systems, biomedical informatics, and intelligent e-learning technologies. He has published around 300 papers in refereed journals and conference proceedings in these areas. He has been involved in more than 300 conferences and workshops as a plenary speaker, member of International Program Committees , workshop/invited session organizer and Session Chair. He is author and co-author of 15 Books in English and Arabic Languages.

He was one of the founders of the following events, First Egyptian Workshop on Expert Systems 1987, Int. Cairo Conference on Artificial Intelligence Applications in 1992 and Int. Conf. on Intelligent Computing and Information Systems 2002, and one of the main sustainers of annual Int. Romanian Internet Learning Workshop Project (RILW), 1997.In addition he was Secretary of Egyptian Computer Society (1984-1990), Member of National Committee in Informatics – Academy of Scientific Research and Technology (1992-200), Member of Egyptian Committee in the Inter-Governmental Informatics Program, IIP-UNISCO, Paris (1988-1990) and Coordinator of the Annual International Conference for Statistics, Scientific Computing, and Social and Demographic Research (1983-1990). In addition he was a partner of a MEDCAMPUS Projects on Methodologies and Technologies for Distance Education in Mediterranean (1993-1995). In addition He is a Member of the Editorial Board of 50 international and national Journals in the following countries: Canada; Italy, Romania, Japan, Turkey, UK and Egypt. Also, He is member of many Int. Scientific Societies and associations in USA, UK, Switzerland, Austria, Canada and Egypt. Recently, he is the Editor-in-Chief of the International Journal of Bio-Medical Informatics and e-Health (IJBMIeH), Egyptian Computer Science Journal (ECSJ) and Associate Editor of International Journal of Applications of Fuzzy Sets and Artificial Intelligence (IJAFSAI).