**First Symposium on**

**Artificial Intelligence and Knowledge Engineering for Decision Support Systems**

In the frame of the International Conference on: Communications, Management and Information Technology

April, 20-22, 2015 , Prague, Czeck Republic <http://www.iccmit.net/>

 Symposium Chair

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http://elearn.shams.edu.eg/absalem/27.htm
http://www.shams.edu.eg/staff/profile.php?action=show&pid=8256

The symposium is devoted to discussion of current research of the artificial intelligence (AI) techniques and knowledge engineering methodologies for developing intelligent Decision Support Systems . Topics of interest of the symposium include (but are not limited to) the following:

***Relevant intelligent techniques and systems***

* *Machine learning*
* *Inference and reasoning*
* *Natural language processing*
* *Multi-agent systems*
* *Expert systems*
* *Fuzzy and rough sets*
* *Data mining systems*
* *Intelligent tools*

***Knowledge and ontological engineering***

* *Knowledge representation*
* *Knowledge discovery*
* *Knowledge management*
* *Knowledge acquisition*
* *Knowledge sharing*
* *Ontological approaches and methodologies.*

***Relevant Biomedical applications***

* *Hospital patient scheduling*
* *Electronic medical/health records*
* *Clinical management and research*
* *Patient health care*
* *Medical diagnosis*
* *Gene-expression microarray data mining*

***Relevant Business applications***

* *Electronic commerce systems*
* *Scheduling and planning*
* *Virtual shopping environments*
* *Internal auditing*
* *e-Government*
* *e-Service intelligence*

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**Prof. Dr. Abdel-Badeh M Salem** is a professor emeritus of Computer Science since June 1989 till now. He was a professor of Computer Science at Faculty of Science, Ain Shams University from 1989 to 1996. He was a Director of Scientific Computing Center at Ain Shams University (1984-1990). He was a former Vice Dean of the Faculty of Computer and Information Sciences at Ain Shams University, Cairo, Egypt (1996-2007). His research includes intelligent computing, expert systems, data mining and knowledge discovery, bio-medical informatics, Biometrics and intelligent e-learning systems. He has published around 300 papers in refereed journals and conference proceedings in these areas. He has been involved in more than 200 conferences and workshops as an Int. Program Committee 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)

He is the ***Editor-In-Chief*** of : Egyptian Computer Science Journal (http://ecsjournal.org ) and International Journal of Bio-Medical Informatics and e-Health ,India (<http://www.warse.org/ijbmieh.html>) and *Associate Editor:* International Journal of Information Retrieval Research ,UK (http://www.igi global.com/journal/international-journal-information-retrieval-research/1178 and International Journal of Applications of Fuzzy Sets and Artificial Intelligence,Greece (<http://eclass.teipat.gr/eclass/courses/523103> ).He is a member of the Editorial Board of the following Journals: The Journal Artificial Intelligence Research (AIR),Canada, JOURNAL OF COMPUTATIONAL SYSTEMS BIOLOGY, Int. Journal of Computing and Information Sciences(IJCIS), Canada EC Newsletter, Education in Computing and Computers in Education, Italy; Scientific Journal of Studia Universitatis Babes-Bolyai, Series Informatica, Cluj – Napoca, Romania; International Journal of intelligent computing in medical sciences and image processing (IC-MED), Japan; Egyptian Journal for Specialized Studies, Faculty of Specific Education,Ain Shams University,Egypt; Int. Journal of Intelligent Computing & Information Science”,IJICIS, Egypt; Enformatika Transactions on Engineering, Computing and Technology, World Enformatika Society, Turkey; and Int. Journal of Soft Computing Approaches (IJSCA), Eurojournals.

He is a member of Int. Scientific Societies: American Association of Artificial Intelligence (AAAI), USA; British Computer Society, Expert Systems Specialist Group (SGES), Int. Neural Network Society (INNS), USA; Association for the Advancement of Computing Education (AACE), USA; Int. Society for Computers and their Applications ((ISCA), NC, USA, Dec. 95); Int. Society for Telemedicine & eHealth ISfTeH,, Switzerland; Member of Int. Federation for Information Processing (IFIP) Technical Committee WG 12.5, Knowledge-Oriented Development of Applications, Austria (2000 till now), Member of Int. Association for Science and Technology for Development (IASTED), TC on AI and Expert Systems, Int. Association for Science and Technology for Development, Canada, (2000 till now).