

Awards& Distinctions

1. 2010: The journal paper "*Combining software games with education: Evaluation of its educational effectiveness*" M. Virvou, G. Katsionis & K. Manos, 2005 in EDUCATIONAL TECHNOLOGY & SOCIETY, Journal of International Forum of Educational Technology & Society and IEEE Learning Technology Task Force, 8 (2): 54-65 APR 2005 is in the list of the top 10 full length articles of the whole journal (www.ifets.info).
2. 2009: The conference paper: "Testing the Effectiveness of MBIUI Life-Cycle Framework for the Development of Affective Interfaces" Kabassi, K., Virvou, M. & Alepis, E. (2009) in Communications in Computer and Information Science, Software and Data Technologies, Volume 22, was awarded at Best Papers of ICSOFT 2007, Springer-Verlag Berlin Heidelberg, pp. 159-171.
3. 2009: The conference paper "*Knowledge Engineering Aspects of Affective Bi-Modal Educational Applications*" Alepis, E., Virvou, M. & Kabassi, K. (2009), in Communications in Computer and Information Science, E-business and Telecommunications, was awarded at Best Papers of ICSOFT 2007 Volume 23, Springer-Verlag Berlin Heidelberg, pp. 328-339.
4. 2009: The conference paper "On Assisting a Visual-Facial Affect Recognition System with Keyboard-Stroke Pattern Information" was awarded with Best Applications Papers Award of the 29th Annual International Conference of the British Computer Society Specialist Group on Artificial Intelligence, Cambridge, UK, December 15-17, 2009.
5. 2008: "Gold Member" in Knowledge-Based & Intelligent Engineering Systems KES International as recognition of scientific offer.
6. 2006: The first research award from the Research Center of the University of Piraeus as the member of faculty (among 200 colleagues of hers) having the highest number of publications in high quality research journals.
7. 2004: The first research award from the Research Center of the University of Piraeus as the member of faculty (among 200 colleagues of hers) having the highest number of publications in high quality research journals.
8. 1988: Awarded the national scholarship from the Greek Foundation of State Scholarships for Ph.D. studies in a foreign country, after having

obtained the highest marks of all the candidates in a panhellenic examination for the award.

Senior professional activities

1. General chairing of conferences

- a. General co-chair in: 8th IEEE International Conference on Intelligent Information Hiding and Multimedia Signal Processing ([IIHMSP 2012](#)), 18-20 July 2012, Piraeus-Athens, Greece.
- b. General co-chair and Program Committee co-chair in: 10th Joint Conference on Knowledge-based Software Engineering ([JCKBSE 2012](#)), 23-26 August 2012, Rhodes, Greece.
- c. Program Committee co-chair in: International Conference on Signal Processing and Multimedia Applications ([SIGMAP 2012](#)), 24-27 July 2012, Rome, Italy.
- d. General co-chair in: 5th International Conference on Software and Data Technologies (ICSOF 2010), University of Piraeus, 22-24 July 2010.
- e. General co-chair in: 1st International Multi-Conference on Innovative Developments in ICT (INNOV 2010), University of Piraeus, 29-31 July 2010.
- f. General co-chair in: Knowledge-Based and Intelligent Information & Engineering Systems- 2nd International Symposium on Intelligent Interactive Multimedia Systems and Services (KES-IIMSS 2010), Baltimore, U.S.A., 28-30 July 2010.
- g. Honorary chair in: Knowledge-Based and Intelligent Information & Engineering Systems- 2nd International Symposium on Intelligent Interactive Multimedia Systems and Services (KES-IIMSS 2008), Mogliano Veneto, near Venice (hosted by the University of Milan) Italy, 16-17 July 2009.
- h. General co-chair and Program co-chair in: 8th Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2008), 25-28 August 2008, University of Piraeus, Piraeus, Greece.

- i. General co-chair and Program co-chair in: Knowledge-Based and Intelligent Information & Engineering Systems- 1st International Symposium on Intelligent Interactive Multimedia Systems and Services (KES-IIMSS 2008), 9-11 July 2008, University of Piraeus, Piraeus, Greece.

2. Co-editor of books and special issues of journals

- a. Editor with L.C. Jain of «INTELLIGENT INTERACTIVE SYSTEMS IN KNOWLEDGE -BASED ENVIRONMENTS» Studies in Computational Intelligence, Springer-Verlag, Germany, 2008.
- b. Editor with L.C. Jain, M. Sato-Ilic, G.A. Tsihrintzis, V.E. Balas, C. Abeynayake of «ADVANCED COMPUTATIONAL INTELLIGENCE TECHNIQUES IN DATA ANALYSIS AND APPLICATIONS» Computational Intelligence Paradigms-Innovative Applications, Springer 2008.
- c. Editor with T. Nakamura of “KNOWLEDGE-BASED SOFTWARE ENGINEERING- Proceedings of the Eighth Joint Conference on Knowledge-Based Software Engineering” Frontiers in Artificial Intelligence and Applications, IOS Press 2008.
- d. Editor with G. A. Tsihrintzis, R. J. Howlett & L.C. Jain of “NEW DIRECTIONS IN INTELLIGENT INTERACTIVE MULTIMEDIA” Studies in Computational Intelligence, Springer 2008.
- e. Editor with Lakhmi C. Jain, Mika Sato-Ilic, George A. Tsihrintzis, Valentina Emilia Balas, Canicious Abeynayake: Computational Intelligence Paradigms, Innovative Applications Springer 2008.
- f. International Journal Of Intelligent Decision Technologies special issue on Human-Computer Interaction in Knowledge-based Environments (2009)
- g. International Journal Of Intelligent Defence Support Systems special issue on Intelligent Modelling and Data Analysis Techniques (2009)
- h. Editor-in-Chief, SPRINGERPLUS for Computer Science

3. Associate editor of journals and book series

- a. Associate Editor of International Journal Knowledge and Information Systems (KAIS), by Springer.

- b. Associate Editor of International Journal Intelligent Decision Technologies by IOS Press. ISSN: 1872-4981
- c. Member of the editorial board in Computational Intelligence and its Applications (COMIA) Book Series, Information Science Publishing

4. Author or co-author of books and monographs

- a. Monograph "MOBILE OBJECT ORIENTED USER INTERFACES FOR PERSONALIZED EDUCATIONAL SOFTWARE", Alepis, E. & Virvou, M. To appear by Springer.
- b. Book "Interactive Educational Software" by Maria Virvou & Lakhmi Jain, to appear, Springer Editions.
- c. "Introduction to Compilers", Varvarigou publications, 1996.
- d. "Object-Oriented Technology", Varvarigou publications, 1997.
- e. "Object-Oriented Software Engineering", Varvarigou publications, 2001.
- f. "Software Engineering" University lecture notes.
- g. "Human-Computer Interaction" University lecture notes.
- h. "Computers in Education" University lecture notes.
- i. "A theory of Human Plausible Reasoning in the context of an Intelligent Help System for UNIX users". – Doctoral thesis. Also: Technical Report: Department of Computer Science and Artificial Intelligence, University of Sussex, 1992.
- j. "An Expert System Shell using the Blackboard Architecture" - Postgraduate thesis in Computer Science-University of London Also: Technical Report: Department of Computer Science, University College London (UCL), 1987.

5. Program committees

- a. Senior Program Committee Member in 14th International Conference on Artificial Intelligence in Education, 6-10 July 2009, Brighton, U.K.
- b. Senior Program Committee Member in 10th International Conference on Intelligent Tutoring Systems, June 14 - 18, 2010, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA.
- c. Program Committee Member in International Journal Of Intelligent Decision Technologies special issue on Human-Computer Interaction in Knowledge-based Environments (2009)
- d. Program Committee Member in International Journal Of Intelligent Defence Support Systems special issue on Intelligent Modelling and Data Analysis Techniques (2009)
- e. Program Committee Member in IEEE DIGITEL 2010 - IEEE International Conference on Digital Game and Intelligent Toy

Enhanced Learning IEEE DIGITEL 2010, 12-4-2010,
Kaohsiung, Taiwan

- f. Program Committee Member in 9th JOINT CONFERENCE
ON KNOWLEDGE-BASED SOFTWARE ENGINEERING
(JCKBSE'10), AUGUST 25-27, 2010, KAUNAS,
LITHUANIA.
- 6. **Director of the Postgraduate Course of Studies in “Informatics” of the
Department of Informatics, University of Piraeus.**
- 7. **Director of the Software Engineering Laboratory of the
Department of Informatics, University of Piraeus.**
- 8. **Gold Member of KES (Knowledge Engineering Systems)
International.**
- 9. **IEEE Member**
- 10. **Member of the Greek Society of Artificial Intelligence.**
- 11. **Member of the Greek Mathematical Society.**