Maria Grigoriadou

Title: Professor on Education and Language Technology
Sector: Computer Systems and Applications
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Academic Qualifications:

- Doctorat en Informatique (1975), University of Paris VII
- D.E.A d'Automatique Theorique (1972), University of Paris VII
- B.Sc. in Physics (1968) Dept. of Physics, University of Athens

Appointments:

- 2009 - today: Professor, Dpt. of Informatics & Telecom., University of Athens
- 2002-2009: Associate Professor, Dpt. of Informatics & Telecom., University of Athens
- 1990-2002: Assistant Professor, Dpt. of Informatics & Telecom., University of Athens
- 1987-1990: Assistant Professor of the Applied Physics Sector, University of Athens
- 1982-1987: Lecturer of the Applied Physics Sector, University of Athens
- 1980-1982: Tutor of the Electronic Physics Laboratory, University of Athens
- 1976-1980: Research Fellow of the Electronic Physics Laboratory, University of Athens

Teaching Activities: (current)

Undergraduate courses
- Computer Science Education
- ICT in Education

Postgraduate courses
- Design of Educational Software
- Distance learning

Supervisor of 13 Ph.D. dissertations (5 Ph.D. in progress)

Research Interests/Activities: (last 10 years)

- Adaptive Learning Environments, Web-based Education, Intelligent Tutoring Systems, Educational Software, Natural Language Processing Tools, Computer Science Education
- 2000 – today: Head of the Education and Language Technology Laboratory, Dpt. Of Informatics & Telecom., University of Athens

Scientific Publications/Citations:

- 44 publications in refereed journals
- 135 refereed international conference publications
- 11 chapters in international books
- Author of 1 textbook
- More than 1000 citations. (H-index 14)

Top five publications

- "Personalizing the Interaction in a Web-based Educational Hypermedia System: the case of INSPIRE" Papanikolaou K. A., Grigoriadou M., Kornilakis H., Magoulas G., User Modeling and User-Adapted Interaction (UMUAI), Kluwer Academic Publishers, 2003, p. 213-267.
- "Towards New Forms of Knowledge Communication: The adaptive Dimension of a Web-based Learning Environment", Papanikolaou K.A., Grigoriadou M., Magoulas G.D., Kornilakis H. Computers and Education, 2002, Vol. 39, No. 4, p. 333-360.
- "Neuro-Fuzzy Knowledge Processing in Intelligent Learning Environments for Improved Student Diagnosis", Stathacopoulou R., Magoulas G.D., Grigoriadou M., Samarakou M. Information Sciences, 2005, 170 2(4), p. 273-307.
- "Designing Personalised Educational Interactions Based on Learning / Cognitive Style and Learner Behaviour", Papanikolaou K.A., Mabbott A., Bull S., Grigoriadou M. Interacting with Computers, 2006, Vol. 18, p. 356-384.
- "COMPASS: An adaptive web-based concept map assessment tool", Gouli E, Gogoulou A., Papanikolaou K., Grigoriadou M. Proceedings of the 1st International Conference on Concept Mapping, Pamplona, Spain, September 2004.

Distinctions:

- A number of papers were invited for publication in international journals
- Best paper award for 2 papers
- Paper entitled "Personalizing the Interaction in a Web-based Educational Hypermedia System: the case of INSPIRE", was the 2nd most accessible paper in 2003 according to the journal's editor Alfred Kobsa.

Other Activities:

- Key researcher in many National and European funded research projects in the frame of IST, MINERVA, COMENIUS, LEONARDO DA VINCI, EPET, PENED, EPEAEK etc. Scientific coordinator of 8 projects/programs. Participation in 7 research programs
- Responsible for the development of 9 web-based adaptive learning environments and 4 educational software
- Responsible for the organization of 8 conferences/ workshops
- Participation in the Program Committee of a number of conferences