



### Isambo Karali

**Title:** Assistant Professor

**Sector:** Computer Systems and Applications

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### Academic Qualifications:

- 1995, PhD in Informatics (Dpt. of Informatics, University of Athens)
- 1988, MSc in Computer Science (University College, University of London)
- 1986, Diploma in Mathematics (Dpt. of Mathematics, University of Athens)

### Appointments:

- Nov. 2007 - today: Assistant Professor, Dpt. of Informatics and Telecom., University of Athens
- Sept. 1999 - Nov. 2007: Lecturer, Dpt. of Informatics and Telecom., University of Athens
- Jan. 1989 - Sept. 1999: Research associate, Dpt. of Informatics, University of Athens (European Union research projects)
- May 1996 - June 1998: Postdoctoral researcher with the IIT NCSR "Democritos" (GSRT PENED project)

### Teaching Activities:

Undergraduate courses (present)

- Object Oriented Programming (compulsory course)
- Logic Programming (option)

Postgraduate courses (present)

- Principles of Knowledge Engineering (Graduate Studies in Basic and Applied Cognitive Science)

Supervisor of 5 Diploma Thesis (present). Supervisor of about 20 Diploma and MSc Theses (since 1989).

Past teaching activity in the Department (since 1989): Another 9 different undergraduate and postgraduate subjects (knowledge engineering, expert systems, databases, systems analysis to informatics for non-computer scientists and on-line journalism) (multi-year teaching duration per subject).

Lectures in other departments and institutions

- University of Ulster, Coleraine, UK
- Faculty of Communication and Media Studies, National and Kapodistrian University of Athens
- School of Electrical and Computer Engineering, National Technical University of Athens

### Research Interests/Activities: (last 10 years)

- Logic Programming
- Artificial Intelligence
- Object-oriented Programming and Knowledge Representation
- Modularity

- Reasoning under Uncertainty
- Intelligent Agents/ Multi-agent Systems

### Scientific Publications/Citations:

- 2 book chapters
- 21 publications in refereed journals and conferences
- 6 publications in workshops
- More than 35 citations

### Top five publications

- I. Karali: Modular Logic Programming for Web Data, Inheritance and Agents. KSEM 2010
- I. Karali: Logic Programming to Address Issues of the Semantic Web. Web Intelligence 2007
- S. McClean, B. Scotney, H. Rutjes, J. Hartkamp, I. Karali, M. Hatzopoulos, J. Lamb, D. Ma: MISSION: An Agent-Based System for Semantic Integration of Heterogeneous Distributed Statistical Information Sources. SSDBM 2004
- S. McClean, I. Karali, B. Scotney, K. Greer, G.-D. Kapos, R. Páircéir, J. Hong, D. Bell, M. Hatzopoulos: Agents for Querying Distributed Statistical Databases Over the Internet. International Journal on Artificial Intelligence Tools, 11(1): 63-94 (2002)
- I. Karali, C. Halatsis: A Refinement of Import/Export Declarations in Modular Logic Programming and its Semantics. TAPSOFT 1995

### Distinctions:

The course "Object Oriented Programming" was evaluated by the students as the "course which contributes mostly in their studies" according to the internal evaluation, Academic Year 2004-05 (2006)

### Other Activities:

- 10 R&D projects
- Supervisor of a PhD Thesis
- Member of examination board of 4 PhD Theses
- Academic Responsible of UoA in the UoA- University of Ulster, Coleraine, U.K., LIFELONG LEARNING PROGRAMME: HIGHER EDUCATION ("ERASMUS") 2010 - 2013
- Responsible for the Web Site of the Department (responsible for the development of the Department's database and distributed site maintenance)
- Reviewer of international journals and conferences
- Member of the ACM, LMS and other scientific societies.