



Aphrodite Tsalgatidou

Title: Assistant Professor in Analysis and Design of Information Systems

Sector: Computer Systems and Applications

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Academic Qualifications:

- Ph.D. in Computation (1988) Dept. of Computation, University of Manchester Institute of Science and Technology (UMIST), United Kingdom
- M.Sc. in Computation (1986) Dept. of Computation, University of Manchester Institute of Science and Technology (UMIST), United Kingdom
- B.Sc. in Chemistry (1982) Dept. of Chemistry, National and Kapodistrian University of Athens

Appointments:

- March 1999 - today: Assistant Professor, *Tenure*, Dept. of Informatics & Telecommunications (DIT), National and Kapodistrian University of Athens (NKUA)
- Feb. 1995 - March 1999: Assistant Professor, *Non-tenure*, DIT, National and Kapodistrian University of Athens (NKUA)
- June 1991 – Feb. 1995: Lecturer, *Non-tenure*, DIT, National and Kapodistrian University of Athens (NKUA)
- March 1999 – June 1997: Hellenic Telecommunications Organisation (various positions: administrative clerk, programmer, system analyst, consultant to the CEO, director of the Office Automation Department of a subsidiary company, Elvil)

Teaching Activities and Ph.D. Supervision: (current)

Undergraduate courses

- Systems Analysis
- Introduction to Computer Science and to Programming

Postgraduate courses

- Business Process Management
- Electronic Commerce Technologies

Supervisor of 4 Ph.D. dissertations

Research Interests/Activities: (last 10 years)

- Service Interoperability
- Service discovery and composition
- Peer to peer technology
- Mobile commerce
- Business process management
- Head of the S³lab <http://s3lab.di.uoa.gr>

Scientific Publications/Citations:

- 13 publications in refereed journals
- 30 refereed conference publications
- 14 posters and workshop publications
- 6 refereed publications in Greek conferences

- 4 guest editorials
- About 1.000 citations. (H-index 14)

Top five publications

- "Unified Publication and Discovery of Semantic Web Services", T. Pilioura, A. Tsalgatidou, *ACM Transactions on the Web (TWEB)*, 3, 3, 11 (June 2009)
- "Interoperability Among Heterogeneous Services: The case of integration of P2P Services with Web Services", A. Tsalgatidou, G. Athanasopoulos, and M. Pantazoglou, *International Journal of Web Services Research (JWSR)*, 5(4), 79-110, 2008
- "An Overview of Standards and Related Technology in Web Services", A. Tsalgatidou, T. Pilioura, *International Journal of Distributed and Parallel Databases*, Special Issue on E-Services, Vol. 12, No. 2, Sept. 2002
- "Business Models and Transactions in Mobile Electronic Commerce: Requirements and Properties", A. Tsalgatidou, E. Pitoura, *Journal of Computer Networks*, Special Issue on Electronic Business Systems, Vol. 37, No. 2, Nov. 2001, pp. 221 - 236
- "Using Web Services for Supporting the Users of Wireless Devices", T. Pilioura, S. Hadjiefthimiades, A. Tsalgatidou, M. Spanoudakis, *Decision Support Systems (DSS) journal*. Special Issue on "Mobile Commerce: Strategies, Technologies and Applications (MCSTA)", Vol. 43, Issue 1, February 2007, pp. 77-94

Research Projects and Funding : (last 10 years)

Important Research Projects (funded by the European Union):

- ENVISION: ENVironmental Services Infrastructures with ONtologies
- SODIUM: Service-Oriented Development In a Unified framework
- SeCSE: Service-Centric System Engineering
- P2P Architect: Ensuring dependability of peer to peer (P2P) applications at architectural level
- INTEROP: Network of Excellence in Interoperability Research for Networked Enterprises Applications and Software

Total Funding acquired for the Department: 1.5 M €

Other Activities:

- ERASMUS coordinator for the Universities of Vienna (Austria), Jyväskylä (Finland), Trondheim (Norway), Skovde (Sweden), Valencia (Spain), Maribor (Slovenia) the last 15 years. Today only with the Univ. of Vienna.
- Participation in about 80 program committees