

Resume

Georgios Theodoropoulos
School of Computer Science, University of Birmingham

Georgios Theodoropoulos is a Senior Lecturer in the School of Computer Science, University of Birmingham where he leads the Distributed and Autonomic Systems Lab. His research interests are mainly in computer architectures and networks, P2P and Grid computing, and distributed simulation and virtual environments. He serves at the Editorial Board of the Transactions of the Society for Computer Simulation International (SCS) and the International Journal of Simulation and Process Modelling (IJSPM, Inderscience Publishers) and he is the Program Chair of the forthcoming IEEE DS-RT'07 Conference (Distributed Simulation and Real Time Systems, also for DS-RT'05). He is a co-founding Director of the Midlands e-Science Centre (MeSC), which forms part of the UK's national Grid infrastructure. Theodoropoulos and his group have been investigating the distributed simulation of agent-based systems for the last six years.

His work in this area includes

- the development of algorithms for dynamic, adaptive partitioning, synchronization, load and query management in MAS simulations (<http://cs.bham.ac.uk/research/projects/pdesmas>)
- the development of HLA-compliant middleware to support agent-based simulation, including RePast (<http://cs.bham.ac.uk/research/projects/research/hlarepast>),
- the development of Grid-aware simulation infrastructures (<http://cs.bham.ac.uk/research/projects/research/dsgrid>) and
- the development of dynamic data-driven simulation techniques for agent-based social simulations (<http://cs.bham.ac.uk/research/projects/research/aimss>).