

Ubiquitous Networks and Services: What Are the Real Challenges Ahead?

Prof. George Pavlou

Networks and Services Research Lab
Dept. of Electronic and Electrical Engineering
University College London, UK

g.pavlou@ee.ucl.ac.uk

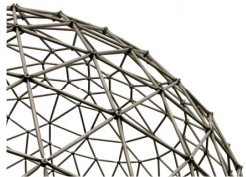
<http://www.ee.ucl.ac.uk/~gpavlou/>

NOMS08 Distinguished Expert Panel



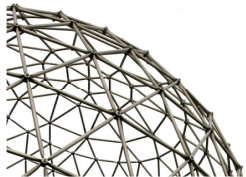
Panel Theme

- Panel theme building on NOMS 2008 main theme Pervasive Management of Ubiquitous Networks and Services
- Proliferation of emerging wireless technologies (sensor, mesh, vehicular, etc.) and networked applications (biosensing, ecology observation, smart spaces, etc.)
- New management strategies required that can cope with resource constraints, mobility, scalability, dependability, context, security, etc.



Panel Theme (cont'd)

- Are we reinventing the wheel or there are new real challenges ahead?
- Will management be integrated in the communication mechanisms and has this community a role to play together with the networking community?
- How existing knowledge, approaches, solutions can be used/modified/combined/extended to address the needs of the emerging large scale wireless environment?



Panelists

- Prof. Rolf Stadler, KTH Royal Institute of Technology, Sweden
- Bruno Albuquerque, Google, Brasil
- Prof. Morris Sloman, Dept. of Computing, Imperial College London, UK
- Prof. Ian Akyildiz, Dept. of Electrical and Computer Engineering, Georgia Institute of Technology, USA

