

**Invited Talk:**  
**Agentcities: lessons and future perspectives for large-scale  
agent deployment**

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**Abstract:** Agent technology has long been proposed as an important technology for development of applications for open environments such as the public Internet. New technologies such as Web Services, Semantic Web, GRID computing, e-Business systems and Agent standards might now also provide the means to begin applying agents widely in such environments.

Beyond individual technologies however there lie huge challenges in developing, deploying and managing such systems. This talk will summarise some of the experiences from the Agentcities projects - one of the largest "agent" testbed deployments to date and including a wide range of demonstration applications.

Specifically the talk will cover the lessons learned in establishing the network, views on the technologies used (and how they might evolve) and a view on Research and development challenges for the future.

Steven Willmott is currently a Research Associate at the Artificial Intelligence section of the Departament de Llenguatges i Sistemes Informàtics Universitat Politècnica de Catalunya. His main area of research is Distributed Artificial Intelligence with a particular focus on coordination and communication problems in large-scale open systems.

Steven is also the technical coordinator of the EU 5th Framework IST funded projects Agentcities.RTD and Agentcities.NET.

<http://lsi.upc.es/~webia/KEMLG/>  
<http://www.agentcities.org/>