

Program E4MAS – 10 Years Later (May 6, 2014)

Morning: 09:00 to 10:30

Session 1: MAS - Environment Interaction (Danny)

9:00-9:10 Agent Environments for Multi-Agent Systems: 10 Years Later
Danny Weyns, Van Parunak, Fabien Michel, Olivier Boissier, Michael Schumacher, Alessandro Ricci

9:10 - 9:30 Where Are All the Semantic Web Agents: Establishing Links Between Agent and Link Data Web through Environment Abstraction
Oguz Dikenelli

9:30 - 9:40 Bridging the gap between agent and environment: the missing body
Julien Saunier

9:40 - 9:50 Buffer

Session 2: Virtual Environments (Michael)

9:50 - 10:10 Virtual Environments 4 MAS
Carlos Carrascosa, Franziska Klugl, Alessandro Ricci

10:10 - 10:20 Multi-agent Approach to Designing an Intelligent Virtual Agent for Collaborative Virtual Environments
Nader Hanna, Deborah Richards

10:20 - 10:30 GIS and MAS tight coupling for Spatial Load Forecasting
Ander Pijoan, Oihane Kamara Esteban, Cruz E. Borges, Yoseba K. Penya
Morning: 11:00 to 12:30

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Session 3: Interaction and Coordination (Van)

11:00 - 11:20 Engineering Environment-mediated Coordination via Nature-inspired Laws
Franco Zambonelli

11:20 - 11:30 Towards organizational interoperability through artifacts
Fabio T. Muramatsu, Tomas M. Vitorello, Anarosa A. F. Brandao

11:30 - 11:40 Infrastructures to engineer open environments as electronic institutions

Dave de Jonge, Juan Rodriguez-Aguilar, Bruno Rosell, Carles Sierra

11:40 - 11:50 Buffer

Session 4: Agent Environment Simulation (Fabien)

11:50 - 12:10 From Modeling To Experiments - Simulation in the Context of Agent Environments

Adeline Uhrmacher

12:10 - 12:20 Holonic Model of a Virtual 3D Indoor Environment for Crowd Simulation

Stephane Galland, Nicolas Gaud

12:20 - 12:30 Toward an Environment for the Simulation of Heterogeneous Entities in Virtual Cities

Jocelyn Buisson, Nicolas Gaud, Stephane Galland, Mikael Gonçães, Abderrafiaa Koukam

Afternoon: 14:00 to 15:30

Forming groups for discussion on selected topics

Breakout sessions

Afternoon: 16:00 to 18:00

Plenary presentation and discussion

Planning follow up activities and closing