Message from the Program Co-Chairs

DS-RT 2011

We welcome you to the fifteenth Symposium on Distributed Simulation and Real-Time Applications. DS-RT provides an excellent forum for researchers and practitioners to present and share ideas and developments in the increasingly overlapping areas of distributed simulation and real time systems.

Continuing the symposium's tradition, this year we have strived to put together an exciting program of high quality papers, keynote talks and panel session.   The programme is structured around the general themes of Distributed Simulation, Virtual and Telepresent Humans, and Military simulation with sessions comprising excellent papers that truly represent state-of-the-art research, technologies and applications. These papers were selected after These papers were selected after hard and long evaluation process. This year accepted invited papers came from:

Tarja Tiainen, Ulrich Schade, Robin Wolff, Paolo Simone Gasparello and Adam Brook.

On behalf of the DS-RT 2010 Program Co-Chairs, Wentong Cai and Abdulmotaleb El Saddik, we are delighted to confirm that the winner of the DS-RT 2010 Best Paper was:

SOAMANET: A Tool for Evaluating Service-Oriented Architectures on Mobile Ad-hoc Networks, by Himanshu Neema, Anand Kashyap, Robert Kereskenyi, Yuan Xue, Gabor Karsai

The winner of this year's Best Paper award will be announced at the symposium dinner. Five papers have been shortlisted as candidates for the award:

A Parallel Interest Matching Algorithm for Distributed-Memory Systems
Elvis S.Liu, Georgios K. Theodoropoulos

Distributed simulation of situated multi-agent systems
Franco Cicirelli, Andrea Giordano, Libero Nigro

Controlling Viewpoint from Markerless Head Tracking in an Immersive Ball Game Using a Commodity Depth Based Camera
Stefan Greuter, David Roberts

Predictive Dynamic Load Balancing for Large-Scale HLA-based Simulations
Robson Eduardo De Grande, Azzedine Boukerche

A Modular Architecture for an Interactive Real-Time Simulation and Training Environment for Satellite On-Orbit Servicing
Robin Wolff, Carsten Preusche, Andreas Gerndt

We would like to express our gratitude to everyone who has contributed to the success of this symposium and in particular the members of the Program Committee and the reviewers who spent a good part of their valuable time
reading the submitted papers making constructive comments on them and helped in ensuring a high quality technical program for the symposium .

We hope you enjoy the symposium and we wish you a pleasant stay in Salford, Manchester!

Georgios Theodoropoulos
IBM Research, Ireland

Nick J Avis

Computer Science & Informatics
Cardiff University, UK