Message from the DYADEM-FTS 2011 Workshop Organizers

It is our pleasure to welcome you to the second workshop on Dynamic Aspects in Dependability Models for Fault Tolerant Systems (DYADEM-FTS 2011) which is co-located to the 6th International Conference on Availability, Reliability, and Security (ARES 2011) taking place in Vienna, Austria.

The workshop is dedicated to advanced modeling methods and tools for fault-tolerant systems which extend the modeling power, accuracy, and applicability of traditional combinational methods like fault trees or reliability block diagrams. In this research area, collaboration between industrial partners and academics is of crucial importance. Hence, the workshop is targeted at both academic researchers and practitioners from the industry.

We received nine manuscripts, and from those, four papers were selected for publication. In addition to the paper presentations, there will also be time for an informal, hands-on tool session. The main idea of this session is to bring together commercial tool developers and scientists in order to identify actual challenges and to facilitate the transfer of ideas found in academic tools into the commercial software packages. Hence, not only novel academic tools, but also industrial products are presented in this session.

Last but not least, DYADEM-FTS also offers a keynote speech presented by Marc Bouissou entitled “Qualitative and quantitative analysis of complex dynamic systems with BDMP: theory and examples of studies in various application fields.”

DYADEM-FTS could not take place without the help of several colleagues to which we express our deepest gratitude. We would like to thank the organizing committee of ARES 2011 for accepting DYADEM-FTS as one of the co-located workshops, and especially Amin Amjounshoaa, Stefan Jakoubi and Simon Tjoa: their help in organizing the workshop was of immeasurable value.

We also thank the members of the program committee and the additional reviewers for their hard work and for sharing their valued expertise. They did an outstanding job with dedication to fairness.

Finally, we thank all the authors which made contributions to this workshop: without you, this workshop simply could not take place.

We truly hope that you find DYADEM-FTS rewarding and have an interesting and inspiring visit to Vienna.

Arndt Bode
Marc Bouissou
Salvatore Distefano
Antonio Puliafito
Kishor Trivedi
Max Walter