



Workshop FIRB–Perf 2005

Torino, Italy

September 19, 2005

PROGRAMME

9:00 – 9:20

Opening remarks

M.C. Calzarossa (Univ. of Pavia)

9:20 – 10:30

Session 1 – Chairman: M. Conti, IIT CNR – Pisa

- Performance Issues in Video Streaming Environments. *G. Casale, P. Cremonesi, G. Serazzi, and S. Zanero (Politecnico of Milano)*
- Design and Testing of Scalable Web-based Systems with Performance Constraints. *M. Andreolini, M. Colajanni, and P. Valente (Univ. Modena and Reggio Emilia)*
- Models of Dynamic Web Content. *M.C. Calzarossa (Univ. of Pavia) and D. Tessera (Univ. Cattolica del Sacro Cuore)*

10:30 – 11:00

Coffee break

11:00 – 12:30

Session 2 – Chairman: L. Donatiello, Univ. of Bologna

- Design and Performance Evaluation of Mechanisms for Mobile-Devices Handoff Forecast. *E. Casalicchio and V. Cardellini (Univ. of Roma "Tor Vergata"), S. Tucci (Presidenza del Consiglio dei Ministri)*
- Performance Model Building of Pervasive Computing. *A. D'Ambrogio and G. Iazeolla (Univ. of Roma "Tor Vergata")*
- Throughput Analysis of UDP and TCP Flows in IEEE 802.11b WLANs: A Simple Model and its Validation. *R. Bruno, M. Conti, and E. Gregori (IIT CNR – Pisa)*
- Performance Modelling of P2P File Sharing Applications. *D. Manini, R. Gaeta, and M. Sereno (Univ. of Torino)*

12:30 – 14:00

Lunch

14:00 – 15:30

Session 3 – Chairman: G. Balbo, Univ. of Torino

- On Relationships Between Stochastic Process Algebras with \mathbb{A} Emilia and Queueing Network Models. *S. Balsamo and M. Simeoni (Univ. Ca' Foscari of Venezia)*
- Efficient Analysis Algorithms for Parametric Fault Trees. *A. Bobbio and G. Franceschinis (Univ. of Piemonte Orientale), D. Codetta-Raiteri and M. De Pierro (Univ. of Torino)*
- A Tool Set for Modeling and Simulation of Robotic Workcells. *F. Baldini, G. Bucci, and E. Vicario (Univ. of Firenze)*
- Software Performance Analysis in UML Models. *S. Distefano, M. Scarpa, and A. Puliafito (Univ. of Messina)*

15:30 – 16:00

Coffee break

16:00 – 17:10

Session 4 – Chairman: G. Iazeolla, Univ. of Roma "Tor Vergata"

- Exploiting Network Calculus for Delay-based Admission Control in a Sink-Tree Network. *L. Lenzini, L. Martorini, E. Mingozzi, and G. Stea (Univ. of Pisa)*
- Scalable and Efficient Parallel and Distributed Simulation of Complex, Dynamic and Mobile Systems. *L. Bononi, M. Bracuto, G. D'Angelo, and L. Donatiello (Univ. of Bologna)*
- Towards Transparent Optimistic Synchronization in HLA. *F. Quaglia, A. Santoro, and B. Ciciani (Univ. of Roma "La Sapienza")*

17:15

Closing