

ECRTS05

Final RTN05 workshop programme

4th Intl. Workshop on Real-Time Networks. RTN 2005. Chair Jörg Kaiser.

- 09:00 Bus to Workshop venue departs from Hotel Saratoga.
- 09:30 - 10:00 Registration.
- 10:00 - 11:30 Session 1: End-to-end QoS in real-time systems. Chair: Thilo Sauter.
- Welcome**
- IP Quality of Service for Soft Real-Time Applications.**
K. Channakeshava, K.S. Phanse, L.A. DaSilva, B. Ravindran, S.F. Midkiff, D.E. Jensen. Virginia Tech, Virginia USA, Lulea University of Technology, Sweden and MITRE corporation. USA
- Adding Contract-Based Reservation Services to a Hard Real-Time Ethernet Protocol.**
M. Gonzalez-Harbour, J.M. Martinez, J.L. Campos, J.J. Guitrez, J.L. Medina. Univ. de Cantabria. Spain.
- 11:30 - 12:00 Coffee break.
- 12:00 - 13:30 Session 2: Media-access and clock synchronization. Chair: Lucia Lo Bello.
- High Priority Traffic Separation in Shared Ethernet Networks.**
C. R. Moraes, F. Vasques. University of Porto. Portugal.
- Synchronized access networks.**
C. Brandauer, P. Dorfinger. Salzburg Research, Austria.
- IEEE 1588 RT Networks with Hybrid Master Group Enhancements.**
G. Gaderer, T. Sauter, P. Loschmidt. Vienna University of Technology and Austrian Academy of Sciences, Austria.
- 13:30 - 15:00 Lunch break.
- 15:00 - 16:30 Session 3: Wireless communication. Chair: Jean-Dominique Decotignie.
- Wireless automotive communication.**
T. Nolte, H. Hansson, L. Lo Bello., Mälardalen University, Sweden and University of Catania. Italy.
- On the effectiveness of IEEE802.11 broadcasts for Real-Time Communication.**
F. Santos, L. Almeida. Instituto Politécnico de Coimbra and Universidade de Aveiro. Portugal.
- 16:30 - 17:00 Coffee break.
- 17:00 - 18:30 Session 4: Wireless communication. Chair: Julian Proenza.
- Approaches to support Real-Time traffic over Bluetooth.**
L. Lo Bello, M. Collotta, O. Mirabella, T. Nolte. University of Catania, Italy and Mälardalen University, Sweden.
- Networked Real-Time RFID in industrial control.**
W. Wang. Cambridge Auto-ID Lab. Cambridge, UK.
- 19:00 - Bus departs from *Edifici Jovellanos* back to Hotel Saratoga.