



**University of Würzburg  
Distributed Systems  
Prof. Dr. P. Tran-Gia**

# **Agenda and list of participants for the 4th COST 290 meeting**

**Wi-QoS: Traffic and QoS Management in  
Wireless Multimedia Networks**

**University of Würzburg, Würzburg, Germany  
October 13 – 14, 2005**

**Thursday, October 13, 9:00 – 10:30. Management Committee meeting.**

1. Welcome from University of Würzburg
2. Greetings from Chairman
3. Approval of the agenda
4. Update on the Action (delivered by the Chairman)
  - Status of the Action, signatories
  - Updated information from ESF
  - Budget and new reimbursement policy
  - Other MC business
5. Place and date for 6<sup>th</sup> MCM, proposals
  - Prof. Torsten Braun (University of Bern, Switzerland): *WWIC 2006*, 10 min
  - Ptof. Nikola Rozic (University of Split, Croatia): *SoftComm 2006*, 10 min

**Thursday, October 13, 10:30 – 10:50. Coffee Break****Thursday, October 13, 10:50 – 12:05. Chairman Dr. Yevgeni Koucheryav**

Technical Session 1: *3G and 3.5G*

Andreas Mäder, University of Wuerzburg (Germany): *Dimensioning of Hardware Components in UMTS Networks with Sectorized NodeBs*, TD(05)053.

Marc Necker, University of Stuttgart (Germany): *Impact of HSDPA Iub Flow Control on System Performance*, TD(05)047.

Khalid Al-Begain, University of Glamorgan (UK): *Analytical Model for Multimedia provisioning over Downlink in 3.5G Wireless Network*, TD(05)048.

**Thursday, October 13, 12:05 – 12:55. Chairman Dr. Dirk Staehle**

Technical Session 2: *TCP*

Ioannis Psaras, Demokritos University of Thrace (Greece): *CA-RTO: a contention adaptive retransmission timeout for TCP*, TD(05)040.

Vasilios Siris, ICS-FORTH (Greece): *Improving TCP throughput in 802.11 WLANs with high delay variability*, TD(05)049.

**Thursday, October 13, 12:55 – 14:00. Lunch****Thursday, October 13, 14:00 – 15:40. Chairman Prof. Khalid Al-Begain**

Technical Session 3: *Multicast in mobile networks*

Ilka Miloucheva, Salzburg Research (Austria): *Reliable Mobile Multicast Transport for Multimedia Content Delivery*, TD(05)035.

Technical Session 4: *Mobile ad hoc networks*

Pascal Lorenz, University of Haute Alsace (France): *An Enhanced Approach for Leader Election in Ad Hoc Networks*, TD(05)039.

Andrea Passarella, Cambridge University (UK): *MobileMAN Project: Building Campus-Wide MANETs through Cross-Layering*, TD(05)043.

Oivind Kure, Q2S centre, NTNU (Norway): *AODV and multi interfaces*, TD(05)044.

**Thursday, October 13, 15:40 – 16:00. Coffee Break**

**Thursday, October 13, 16:00 – 16:50. Chairman Prof. Luis Orozco Barbosa**

Technical Session 5: *Business models and cost/revenue optimization*

Burkhard Stiller, University of Zuerich (Switzerland): *Akogrimo – Business Models and Charging for Grid Services*, TD(05)042.

Orlando Cabal, University of de Beira Interior (Portugal): *Enhanced UMTS cost/revenue optimization in offices scenarios*, TD(05)051.

**Thursday, October 13, 18:30 – 19:30.**

Reception in the city hall.

**Thursday, October 13, 19:30 – 22:30**

Dinner at the “Atle Mainmühle” in the city center of Würzburg near the “Alte Mainbrücke”.

**Friday, October 14, 9:30 – 10:45. Chairman Dr. Dmitri Moltchanov**

Technical Session 6: QoS

Lukas Pavilanskas, Vilnius Technical University (Lithuania): *Estimation of QoS dynamics in the wireless networks*, TD(05)050.

Michal Ries, University of Technology Vienna (Austria): *Reference-Free Video Quality Metric for Mobile Streaming Applications*, TD(05)037.

M. Carmen Aguayo-Torres, University of Malaga (Spain): *Multiuser capacity and fairness evaluation of channel/QoS aware multiplexing algorithms*, TD(05)045.

**Friday, October 14, 10:45 – 11:00. Coffee Break**

**Friday, October 14, 11:00 – 11:50. Chairman Dr. Yevgeni Koucheryav**

Technical Session 7: QoS

Thomas Bonhert, University of Coimbra (Portugal): *Measurement Based Admission Control*, TD(05)046.

Nikola Rozic, University of Split (Croatia): *Emergency Services: Resource Management and QoS Control*, TD(05)038.

**Friday, October 14, 11:50 – 13:05. Chairman Dr. Giovanni Giambene**

Technical Session 8: *Satellites and HAPs*

Ulla Birnbacher, Graz University of Technology (Austria): *Implementation of VoIP over Satellite*, TD(05)036.

Gorazd Kanduz, Institute of Josef Stefan (Slovenia): *Telecommunications over High Altitude Platforms*, TD(05)054.

Technical Session 9: *Mobility description*

Bernd Gloss, University of Stuttgart (Germany): *A more realistic RD movement model*, TD(05)052.

**Friday, October 14, 13:05 – 14:05. Lunch**

**Friday, October 14, 14:05 – 14:55. Chairman Prof. Virgil Dobrota**

Technical Session 10: *AAA*

Fintan McEvoy, University of Limerick (Ireland): *New third-party AAA framework and signaling protocol for 4GWW*, TD(05)041.

Technical Session 11: *Teletraffic*

Seferin Mirtchev, Technical University Sofia (Bulgaria): *Evaluation of a Multi-server Delay System with a Generalized Poisson Input Stream*, TD(05)034.

**Friday, October 14, 14:55 –**

Closing remarks and informal discussions

## List of delegates

	Name	Country	Organization	MC	Presentation title
1	Ilka Miloucheva	Austria	Salzburg Research	X	TD(05)035: Reliable Mobile Multicast Transport for Multimedia Content Delivery
2	Ulla Birnbacher	Austria	Graz University of Technology	X	TD(05)036: Implementation of VoIP over Satellite
3	Michal Ries	Austria	University of Technology Vienna		TD(05)037: Reference-Free Video Quality Metric for Mobile Streaming Applications
4	Johan Bergs (subs. Chris Blondia)	Belgium	University of Antwerp	X	
5	Seferin Mirtchev	Bulgaria	Technical University Sofia	X	TD(05)034: Evaluation of a Multi-server Delay System with a Generalized Poisson Input Stream
6	Nikola Rozic	Croatia	University of Split	X	TD(05)038: Emergency Services: Resource Management and QoS Control
7	Yevgeni Koucheryavy	Finland	Tampere Univ. of Technology	X	
8	Dmitri Moltchanov (subs. J.Harju)	Finland	Tampere Univ. of Technology	X	
9	Pascal Lorenz	France	Univ. Haute Alsace	X	TD(05)039: An Enhanced Approach for Leader Election in Ad Hoc Networks
10	Phuoc Tran-Gia	Germany	University of Würzburg	X	
11	Marc Necker	Germany	University of Stuttgart		TD(05)047: Impact of HSDPA Iub Flow Control on System Performance
12	Christian Muller	Germany	University of Stuttgart		
13	Bernd Gloss	Germany	University of Stuttgart		TD(05)052: A more realistic RD movement model
14	Dirk Staehle	Germany	University of Wuerzburg		
15	Rastin Pries	Germany	University of Wuerzburg		
16	Marc Fouquet	Germany	University of Tübingen		

17	Andreas Maedler	Germany	University of Würzburg		TD(05)053: Dimensioning of Hardware Components in UMTS Networks with Sectorized NodeBs
18	Ioannis Psaras (Subs. Vassilis Tsaoussidis)	Greece	Demokritos University of Thrace	X	TD(05)040: CA-RTO: a contention adaptive retransmission timeout for TCP
19	Vasilios Siris	Greece	ICS-FORTH	X	TD(05)049: Improving TCP throughput in 802.11 WLANs with high delay variability
20	Fintan McEvoy (subs. M.O'Droma)	Ireland	University of Limerick	X	TD(05)041: New third-party AAA framework and signaling protocol for 4GWW
21	Giovanni Giambene	Italy	University of Siena	X	
22	Saverio Mascolo	Italy	Politecnico di Bari	X	
23	Francesco Oliviero	Italy	University of Napoli "Federco II"		
24	Algimantas Kajackas	Lithuania	Vilnius Technical University	X	
25	Lukas Pavilanskas (subs. S. Paulikas)	Lithuania	Vilnius Technical University	X	TD(05)050: Estimation of QoS dynamics in the wireless networks
26	Oivind Kure	Norway	Q2S centre, NTNU	X	TD(05)044: AODV and multi interfaces
27	Thomas Bonhert (subs. E. Monteiro)	Portugal	University of Coimbra	X	TD(05)046: Measurement Based Admission Control
28	Fernando Velez	Portugal	University of de Beira Interior	X	
29	Orlando Cabal	Portugal	University of de Beira Interior		TD(05)051: Enhanced UMTS cost/revenue optimization in offices scenarios
30	Virgil Dobrota	Romania	Technical University of Cluj-Napoca	X	
31	Marius Cinteza (subs. T. Radulescu)	Romania	Polytechnica University Bucharest	X	
32	Jana Uramova (subs. M. Klimo)	Slovakia	U. of Zilina	X	
33	Gorazd Kanduz	Slovenia	Institute of Josef	X	TD(05)054:

			Stefan		Telecommunications over High Altitude Platforms
34	Manuel Alvarez-Campana	Spain	Universidad Politecnica de Madrid	X	
35	Luis Orozco	Spain	Universidad de Castilla La Mancha		
36	M. Carmen Aguayo-Torres	Spain	University of Malaga		TD(05)045: Multiuser capacity and fairness evaluation of channel/QoS aware multiplexing algorithms
37	Torsten Braun	Switzerland	University of Bern	X	
38	Burkhard Stiller	Switzerland	U. of Zuerich	X	TD(05)042: Akogrimo – Business Models and Charging for Grid Services
39	Khalid Al-Begain	UK	U. of Glamorgan	X	TD(05)048: Analytical Model for Multimedia provisioning over Downlink in 3.5G Wireless Network
40	Vaselin Rakocevic (subs. G. Pavlou)	UK	City University	X	
41	Andrea Passarella	UK	Cambridge University		TD(05)043: MobileMAN Project: Building Campus-Wide MANETs through Cross-Layering