



# **Agenda and list of participants for the 2nd COST 290 meeting**

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

**University of Haute Alsace, Colmar, France  
February 3 – 4, 2005**

**Thursday, February 3, 9:00 – 11:15. Management Committee meeting.**

1. Welcome from University of Haute Alsace
2. Greetings from Chairman
3. Approval of the agenda
4. Update on the Action (delivered by Chairman)
  - Status of the Action, signatories
  - Updated information from ESF
  - Budget and reimbursement policy
  - Other MC business
5. WWIC 2005 update
6. 3<sup>rd</sup> MCM details
7. Place and date for the 4<sup>th</sup> MC meeting
8. New members presentations
  - Prof. Algimantas Kajackas (Vilnius Technical University, Lithuania): *Vilnius TU and iQoS vision*, 20 min
  - Dr. Vladimir Efimushkin (R&D ZNIIS, Russia): *ZNIIS' Activities in QoS and Traffic Management Field*, 20 min

**Thursday, February 3, 11:15 – 11:30. Break****Thursday, February 3, 11:30 – 12:00.**

Special talk (IST FP6 DIADALOS project)

Ilka Miloucheva, Salzburg Research (Austria): *Context transfer for IPv6 multicast services in the Framework of DAIDALOS Project.*

**Thursday, February 3, 12:00 – 12:25. Chairman Dr. Yevgeni Koucheryavy**

Technical Session 1: *Mobile Multicasting*

Khalid Al-Begain and Yewen Cao, University of Glamorgan (UK): *MoSRem: Mobile Multicast Protocol using Dynamic Branching Node based Tree*, WG 1, TD(05)012.

**Thursday, February 3, 12:25 – 13:30. Lunch****Thursday, February 3, 13:30 – 14:45. Chairman Prof. Vasilios Siris**

Technical Session 2: *WiFi and multihop networks*

Pasquale Altieri and Giovanni Giambene, University of Siena (Italy): *Resource Management in WiFi Systems*, WG1, TD(05)002.

Rastin Pries, University of Wuerzburg (Germany): *Robustness Analysis of the Wireless LAN MAC Protocols with QoS Support*, WG 1/2, TD(05)004.

Ruy de Oliveira and Torsten Braun, University of Bern (Switzerland): *A Dynamic Adaptive Acknowledgment Strategy for TCP over Multihop Wireless Networks*, WG 1/2, TD(05)001.

**Thursday, February 3, 14:45 – 15:00. Break****Thursday, February 3, 15:00 – 16:40. Chairman Prof. Khalid Al-Begain**

Technical Session 3: *Modeling and evaluation*

Marc Necker, University of Stuttgart (Germany): *A simple heuristic model for the IP packet service time distribution in UMTS networks*, WG 1, TD(05)014.

Tobias Hossfeld, University of Wuerzburg (Germany): *Simulative Performance Evaluation of a Mobile Peer-to-Peer File Sharing System*, WG 3, TD(05)003.

Stoyan Poryazov, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences (Bulgaria): *Can Terminal Teletraffic Theory Be Liberated from the Main Illusions?* WG 1, TD(05)009.

Dmitri Moltchanov and Yevgeni Koucheryavy, Tampere University of Technology (Finland): *Non-preemptive sumD-BMAP/D/1/K queuing system modeling the frame transmission process over wireless channels*, WG 1, TD(05)008.

**Thursday, February 3, 16:40 – 16:45. Break****Thursday, February 3, 16:45 – 19:15.**

WWIC 2005 TPC meeting.

**Thursday, February 3, 19:30 –**

"Alsacian" Dinner at Restaurant Meistermann (located in Colmar Downtown).

**Friday, February 4, 9:00 – 9:30.**

Invited speaker presentation

Dr. Andrei Gurtov (HIIT, Advanced Research Unit, Helsinki): *Infrastructure support for Host Identity Protocol*.

**Friday, February 4, 9:30 – 9:40. Break****Friday, February 4, 9:40 – 10:55. Chairman Dr. Dmitri Moltchanov**

Technical Session 4: *UMTS and related I*

J.L. van den Berg, Remco Litjens and Joost Laverman, TNO (The Netherlands): *UMTS/HSDPA flow level performance*, WG 1, TD(05)007.

Tom Van Leeuwen, University of Gent (Belgium): *Location assisted fast vertical handover for UMTS/WLAN overlay networks*, WG WG 2, TD(05)017.

Jaime Ferreira and Fernando Velez, Portugal Telecom Inovacao and University of Beira Interior (Portugal): *Deployment Scenarios and Applications Characterization for Enhanced UMTS Simulation*, WG 4, TD(05)006.

**Friday, February 4, 10:55 – 11:00. Break**

**Friday, February 4, 11:00 – 12:15. Chairman Prof. Giovanni Giambene**

Technical Session 5: *UMTS and related II*

Josephina Antoniou, Vasos Vassiliou and Andreas Pitsillides, UCY (Cyprus): *Coverage and capacity planning for 3G and beyond mobile networks*, WG 3, TD(05)015.

Francisco Barcelo et al., UPC (Spain): *Performance evaluation of internet access over a precommercial UMTS network*, WG 2, TD(05)020.

Marius Cinteza, Tatiana Radulescu and Ion Marghescu, Polytechnical University Bucharest (Romania): *Orthogonal-Variable-Spreading-Factor Code Allocation Strategy Using Genetic Algorithms*, WG 1/2, TD(05)011.

**Friday, February 4, 12:15 – 13:15. Lunch**

**Friday, February 4, 13:15 – 14:30. Chairman Prof. Torsten Braun**

Technical Session 6: *Services and architectures*

Mathias Dick, Technical University of Braunschweig (Germany): *Adaptive video streaming in mobile and wireless networks*, WG 4, TD(05)019.

Leftherios Mamatas and Vassilis Tsaoussidis, DUT (Greece): *A new approach to service differentiation: non-congestive queuing*, WG 1/2, TD(05)013.

Gerorg Carle, University of Tuebingen (Germany): *Distributed monitoring architecture for attack detection*, WG 2, TD(05)016.

**Friday, February 4, 14:30 – 14:45. Break**

**Friday, February 3, 14:45 – 15:10. Chairman Dr. Yevgeni Koucheryavy**

Technical Session 7: *New communication paradigms*

Xiaoyuan Gu, Technical University of Braunschweig (Germany): *Self-optimization in autonomic wireless networks*, WG 3, TD(05)018.

**Friday, February 4, 15:10 –**

Closing remarks and informal discussions

## List of delegates

	Name	Country	Organization	e-mail	MC	TD number / Presentation title
1	Ilka Miloucheva	Austria	Salzburg Research	ilka.miloucheva@salzburgresearch.at	X	
2	Georg Egger (subs. U. Birnbacher)	Austria	Graz University of Technology	birnbacher@inw.tu-graz.ac.at	X	
3	Michal Ries	Austria	University of Technology Vienna	michal.ries@nt.tuwien.ac.at		TD(05)005: Assessment of H.264 coded panorama – type sequences
4	Tom Van Leeuwen (subs. I.Moerman)	Belgium	Universiteit Gent	Tom.VanLeeuwen@intec.ugent.be	X	TD(05)017: Location assisted fast vertical handover for UMTS/WLAN overlay networks
5	Stoyan Poryazov	Bulgaria	Institute of Mathematics and Informatics Bulgarian Academy of Science	stoyan@cc.Bas.bg	X	TD(05)009: Can Terminal Teletraffic Theory Be Liberated from the Main Illusions?
6	Seferin Mirtchev	Bulgaria	Technical University Sofia	stm@tu-sofia.bg	X	
7	Nikola Rozic	Croatia	University of Split	rozic@fesb.hr	X	
8	Vassiliou Vasos (subs. A.Pitsillides)	Cyprus	University of Cyprus	vasosv@ucy.ac.cy	X	TD(05)015: Coverage and capacity planning for 3G and beyond mobile networks
9	Yevgeni Koucheryavy	Finland	Tampere Univ. of Technology	yk@cs.tut.fi	X	
10	Dmitri Moltchanov (subs. J.Harju)	Finland	Tampere Univ. of Technology	moltchan@cs.tut.fi	X	TD(05)008: Non-preemptive sumD-BMAP/D/1/K queuing system modeling the frame transmission process over wireless channels
11	Andrei Gurtov	Finland	HIIT	gurtov@hiit.fi		Invited talk. Infrastructure support for Host Identity Protocol

						for Host Identity Protocol
12	Pascal Lorenz	France	Univ. Haute Alsace	lorenz@ieee.org	X	
13	Phuoc Tran-Gia	Germany	University of Wuerzburg	trangia@informatik.uni-wuerzburg.de	X	
14	Georg Carle (subs. A.Wolisz)	Germany	Univ. of Tuebingen	carle@informatik.uni-tuebingen.de	X	TD(05)016: Distributed monitoring architecture for attack detection
15	Dirk Staehle	Germany	University of Wuerzburg	staehle@informatik.uni-wuerzburg.de		
16	Paulo Mendes	Germany	DoCoMo Euro-Labs	mendes@docomolab-euro.com		
17	Tobias Hossfeld	Germany	University of Wuerzburg	hossfeld@informatik.uni-wuerzburg.de		TD(05)003: Simulative Performance Evaluation of a Mobile Peer-to-Peer File Sharing System
18	Rastin Pries	Germany	University of Wuerzburg	pries@informatik.uni-wuerzburg.de		TD(05)004: Robustness Analysis of the Wireless LAN MAC Protocols with QoS Support
19	Marc Necker	Germany	University of Stuttgart	necker@ikr.uni-stuttgart.de		TD(05)014: A simple heuristic model for the IP packet service time distribution in UMTS networks
20	Xiaoyuan Gu	Germany	Technical Univ. of Braunschweig	xiaogu@ibr.cs.tu-bs.de		TD(05)018: Self-optimization in autonomic wireless networks
21	Marc Fouquet	Germany	Univ. of Tuebingen	carle@informatik.uni-tuebingen.de		
22	Matthias Dick	Germany	Technical Univ. of Braunschweig	dick@ibr.cs.tu-bs.de		TD(05)019: Adaptive video streaming in Mobile and wireless networks
23	Peter Langendoerfer	Germany	IHP Microelectronics	langendoerfer@ihp-microelectronics.com		
24	Vassilis Tsoussidis	Greece	Demokritos University of	vtساوسي@ee.duth.gr	X	TD(05)013: A New Approach to Service Differentiation: Non

	Tsaoussidis		University of Thrace	duth.gr		Service Differentiation: Non-Congestive Queueing
25	Vasilios Siris	Greece	ICS / FORTH	vsiris@ics.forth.gr	X	
26	Sean McGrath	Ireland	University of Limerick	sean.mcgrath@ul.ie	X	
27	Ivan Ganchev (subs. M.O'Droma)	Ireland	University of Limerick	ivan.ganchev@ul.ie	X	
28	Giovanni Giambene	Italy	University of Siena	giambene@unisi.it	X	TD(05)002: Resource Management in WiFi Systems
29	Algimantas Kajackas	Lithuania	Vilnius Technical University	algimantas.kajackas@el.vtu.lt	X	Vilnius TU and iQoS vision
30	Sarunas Paulikas	Lithuania	Vilnius Technical University	sarunas@el.vtu.lt	X	
31	Roy Walker	Malta	ICM	roy@roywalker.com	X	
32	J.L.van den Berg	Netherlands	TNO Telecom	J.L.vandenBerg@telecom.tno.nl	X	TD(05)007: UMTS/HSDPA flow level performance
33	Fernando Velez	Portugal	University of Beira Interior	fjv@ubi.pt	X	TD(05)006: Deployment Scenarios and Applications Characterization for Enhanced UMTS Simulation
34	Edmundo Monteiro	Portugal	University of Coimbra	edmundo@dei.uc.pt	X	
35	Virgil Dobrota	Romania	Technical University of Cluj-Napoca	Virgil.Dobrota@com.utcluj.ro	X	
36	Marius Cinteza (subs. T. Radulescu)	Romania	Polytechnica University Bucharest	mcinteza@yahoo.com	X	TD(05)011: Orthogonal-Variable-Spreading-Factor Code Allocation Strategy Using Genetic Algorithms
37	Vladimir Efimushkin	Russia	R&D ZNIIS	nn2@zniis.ru		ZNIIS' Activities in QoS and Traffic Management Field
38	Kanduz Gorazd	Slovenia	Institute of Josef Stefan	gorazd.kanduz@ijs.si	X	

39	Francisco Barcelo	Spain	Universitat Politecnica de Catalunya	barcelo@mat.upc.es	X	
40	Manuel Alvarez-Campana	Spain	Universidad Politecnica de Madrid	mac@dit.upm.es	X	
41	Johann Lopez	Spain	Universitat Politecnica de Catalunya	johannl@ac.upc.es		
42	Torsten Braun	Switzerland	University of Bern	braun@iam.unibe.ch	X	TD(05)001: A Dynamic Adaptive Acknowledgment Strategy for TCP over Multihop Wireless Networks
43	Burkhard Stiller	Switzerland	ETH	stiller@tik.ee.ethz.ch	X	
44	Khalid Al-Begain	UK	Univ. of Glamorgan	kbegain@glam.ac.uk	X	TD(05)012: MoSRm: Mobile Multicast Protocol using Dynamic Branching Node based Tree

Last updated on February 1, 2005