



Wi-QoST

COST 290 Meeting October 7-8, 2004 Gozo, Malta

Minutes of the 1st Working Groups meeting – October 7, 2004

1. Welcome

Participants are welcomed by Mario Gatt on behalf of MTRI.

2. Greetings from the Chairman

Dr. Koucheryavy (the COST 290 Chair) welcomed all the participants and opens the WG meeting at 9:00.

3. Approval of agenda of the 1st WG meeting

The agenda for the 1st WG meeting was unanimously approved.

4. Update on the Action

Tampere University of Technology (TUT) has received and signed the Grant Agreement (for the period: July 1, 2004 – June, 30, 2005) from ESF for 51,200 euros (assuming 12 countries). Dr. Koucheryavy will put the agreement (as well as its rules) of the COST 290 Web site, in the restricted area.

17 countries are now involved in COST 290. The budget will be accordingly updated.

Payments: first part 65%; the remaining 35% after outline financial progress report

The Grant Holder will provide the COST office with reports: (i) outline financial progress report and projected budget of the 12 month period before the end of month 9 (i.e., March 2005); (ii) final financial report and scientific report covering all the activities of the Action within one month after the end of the Grant period (i.e., on July 2005).

The following budget breakdown has been approved for the first year: Secretariat 12,000 euros; Workshops and Seminars 5,000 euros; Meetings 31,200 euros; short-term scientific missions 3,000 euros. In particular, based on earlier MC decision 5,000 Euro are destined to the WWIC 2005 conference in Greece as official venue of the COST 290 Action. Since 3,000 euros are available in the budget of this year for short-term scientific missions, each mission should require approximately 1,500 euros, so that the budget can cover two short-term missions per year.

The Grant rules have been described by Y. Koucheryavy.

5. Short introduction of each participant

Each participant has provided a short introduction on his research activity in the COST 290 Action.

6. Working Groups updating / creating / merging

MCM meeting and Working Groups (WGs) meetings should be co-located. The technical report should reflect the WGs structure.

Present WGs names are too long and the related topics appear to be overlapping. A redefinition of working groups is deemed as essential.

The different work items of the current WGs are reviewed. The new WG organization described below has been approved.

WG1, "Traffic Engineering", chaired by D. Staehle (U. Wuerzburg)

- Traffic characterization and modeling
- Mapping of QoS classes and SLA/SLS
- Resource management and QoS provision
- Congestion control
- Cross-layer design
- Transport protocols over wireless
- MAC
- Performance evaluation

The following participants have declared interest in contributing to WG1: TUT, U. Siena, U. Beira, UPC, U. Madrid, U. Viena, UCY, U. Demikritos, U. Bern, FORTH, Politecnico of Bari, U. Wuerzburg, TNO&U.Twente, TUG, IMI, T. U. Sofia, NTNU, U. Stuttgart, U. Haute Alsace, PUB, TUCN, U. Zilina, U. Limerick, TUBerlin, DoCoMo, U. Coimbra.

WG2: "Mobility and interoperability", chaired by F. Barcelo (UPC)

- Mobility characterization
- Location awareness
- Handover techniques
- IP mobility protocols
- Interworking between different access technologies
- QoS and mobility [signaling, routing, etc.]
- Privacy and security

The following participants have declared interest in contributing to WG2: TUT, U. Siena, U. Beira, UPC, U. Madrid, UCY, U. Demikritos, U. Bern, FORTH, U. Antwerp, Politecnico of Bari, U. Wuerzburg, TNO&U.Twente, Salzburg R., IMI, U. Stuttgart, PUB, TUCN, U. Limerick, TUBerlin, DoCoMo, U. Coimbra.

WG3: "Network architecture and planning", chaired by T. Braun (U. Bern)

- Network planning
- Capacity dimensioning
- Evolution of network architecture
- Self organization

- Service architectures
- Over-dimensioning and resilience

The following participants have declared interest in contributing to WG3: TUT, U. Beira, U. Demokritos, U. Bern, U. Antwerp, Politecnico of Bari, U. Lund, U. Wuerzburg, TNO&U.Twente, Salzburg R., MTRI, NTNU, U.Zilina.

WG4: “Services, regulations, and economic aspects”, chaired by V. Siris (FORTH)

- Economics and regulation
- New techno-business models, novel pricing and billing mechanisms
- Self-regulated wireless use
- Optimization based in cost/revenues aspects
- Charging and accounting
- Applications requirements and scenarios

The following participants have declared interest in contributing to WG4: U. Beira, U. Bern, U. Zurich, FORTH, IMST, U. Limerick

Dr. Koucheryavy closes the WG meeting at 12:30.

Minutes of the 1st MCM – October 7, 2004

1. Approval of the Agenda

Dr. Koucheryavy opens the MCM at 14:00. The agenda of the 1st MCM meeting is approved.

2. Cross activity outside COST 290

The COST actions below are related to COST 290 and contacts should be established at the MC level

- Prof. Tran-Gia (U. Wuerzburg) reported on COST 279 Action that will end on January 2005. The last meeting will take place on January 2005 in Turkey. COST 279 is now preparing a new COST Action (on Multi-network Service) that appears to have some overlap with COST 290. It is therefore important that the COST 290 Chair or the vice-Chair will attend the next COST 279 meeting in Turkey.
- Dr. Poryazov (Institute of Mathematics and Informatics Bulgarian Academy of Science) and Dr. Ganchev (University of Limerick) reported on COST 285 Action. A symposium will be organized in Munich on October 2005 and all interested persons are invited to contribute. COST 285 is interested to make liaisons with other COST Actions. COST 285 will end on 2007.
- Dr. Velez (U. of Beira) reported on COST 273 that will be finished on May 2005 with a workshop. This is a very big COST Action with 3 WGs. The last meeting will take place on May 2005. They will publish the final report as a book. This COST Action is related to the NeCOM IST FP6 Network of Excellence (NoE).

Related FP6 projects

- Y. Koucheryavy reports on the NoE ‘E-NEXT’ with 42 participating institutions and chaired by UCIIM (related to COST 263 and COST 264 Actions). Dr. Koucheryavy will be in touch with this NoE in order to distribute information.

- UCY presents the ‘IP B-BONE’ Integrated Project. Manuel Dinis of the Portuguese PTT is the coordinator. IP B-BONE started on February 2004 and will last until 2006. This project deals with broadcasting and multicasting on UMTS, QoS management for UMTS, radio resource management, IP mobility and UMTS core and RAN design issues.
- F. Barcelo (UPC) reports on the Integrated Project ‘LIAISON’. It deals with location-based services in UMTS and WLAN. Started on September 2004, it will last 48 months. The coordinator is Alcatel Space, France.
- E. Monteiro (U. Coimbra) and T. Braun (U. Bern) are involved in EUQoS, started on September 2004 and lasting 36 months. This project is lead by Telefonica of Spain and deals with e2e QoS over heterogeneous networks.
- I. Miloucheva (Salzburg Research) reported on the coordination action ‘MOME’ (belonging to the 1st call IST, 2004) as well as the DIADALOS project on Multicast. The Web site address of the MOME action has to be provided.
- P. Mendes (DoCoMo Euro-Labs), reported on ‘Ambient networks’, started on January 2004 and lead by Ericsson.
- U. Birnbacher (TUG) and G. Giambene (U. Siena) are involved in the ‘SatNEx’ NoE, that started its activities on January 2004 and will last for two years.
- P. Tran-Gia (U. Wuerzburg) reports on ‘EuroNGI’ NoE with more than 40 institutions that started on October 2003 and will last for 24+12 months. The coordinator is Daniel Kofman, member of COST 290.
- V. Dobrota (Technical University of Cluj-Napoca) presented the ‘Kaleidoscope’ NoE, started on January 2004 and dealing with special tools for e-learning.
- I. Ganchev (University of Limerick) presented the ‘TARGET’ NoE, started on January 2004 and lasting 48 months. This NoE is mostly related to physical layer issues.
- F. Barcelo (UPC) presented the ‘EMILY’ project ending on December 2004 and belonging to the FP5 framework. This project deals with user location issues in cellular networks.

Links with be made available on the COST 290 Web page to these projects after asking for their approval.

3. Technical Documents (TD) deriving

Official COST 290 Action documents will be coded according to the classical scheme ‘290TD(year)-progressive number’.

WG presentations will be organized so that 10-15% presentations could be spontaneous ones, without the need of a supporting paper that will be provided for the following WG meeting (in that occasion a TD code will be assigned). All the other presentations will be paper-based: papers will have a TD number assigned according to an in advance. It is responsibility of Grant Holder to provide Web-based paper submission procedure.

In the public area of the COST 290 Web site the following material will be available:

- Titles of both papers and spontaneous presentations;
- Abstracts of both papers and spontaneous presentations;
- pdf of the papers (by default).

This solution has been approved with 16 MC votes in favor and 10 votes against.

The restricted area will contain pdf version of those papers for which the authors have requested such restriction.

An on-line paper submission procedure will be made available. to have available the paper before the meeting. According to this procedure, a TD number will be assigned and a WG affiliation will be specified, as requested by Dr. Giambene.

A paper standard cover as well as a PPT template will be made available for preparing papers and technical presentations. These documents will be approved through email voting.

4. Action website and mailing list

An action logo has to be provided and approved by the MC.

A registration process through the restricted area will be made available for next WG and MC meetings.

The paper submission to obtain a TD code will be available through the restricted area.

Financial reports and administrative reports will be put in the restricted area.

5. Update on WWIC 2005

The WWIC 2005 call for papers has been distributed to all the participants.

WWIC 2005 will take place on May 11-13. The COST 290 MCM will be organized in parallel to this conference. The registration costs of participants cannot be supported by COST 290 Action funds.

A suitable procedure has to be carried out to obtain the COST sponsorship for this workshop. Eligible costs are reviewed.

6. New members

Two new member requests are bring to the attention of the MC by Dr. Koucheryavy:

- University of Zurich, presented by T. Braun
- ZNIIS R&D Institute, Russia, presented by Y. Koucheryavy.

Both partners are approved with unanimous vote.

For the Russian member upon this vote, the procedure is in charge of the European Commission. For the University of Zurich, after this voting procedure, it is sufficient that the Swiss representative signs the COST 290 MoU.

7. Short-term Scientific Mission (STSM)

No details are available at the moment for institutions available to host short-term scientific missions.

8. Place and date of next meeting

The MC has approved that the next meeting will take place in Colmar, hosted by the U. of Haute Alsace (Prof. P. Lorenz). The date of the meeting will be defined through an email voting process in a period around February 2005.

Upon suggestion of Dr. Phuoc Tran-Gia (U. Wuerzburg), it has been decided that from the next MCM, the dates of future MCMs will be defined two meeting in advance.

9. Annual Technical Report

Dr. Koucheryavy has explained that WG chairs are in charge to collect the material (coming from the interested COST 290 contributors) to edit the relevant section of the technical report.

10. Reimbursement forms

Dr. Koucheryavy notifies that reimbursement forms should be given to him during the stay in Malta or send by email. The Secretary for this COST 290 action is Sari Kinnari:

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PO Box 553
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All the reimbursement forms sent by email, should be addressed to her.

Participants are allowed to ask for all meals that are included in the duration of their mission.

11. Miscellaneous

Some technical presentations have been made and it has been decided that they should be made available in pdf format on the COST web page, linked to the partner information. Moreover, the papers related to these presentations will be made available on the COST 290 Web page with a suitable TD coding by February 2005.

Finally, the WG and MCM minutes with the agenda and the attendance list will be put in a suitable directory of the COST Website.

The MCM meeting has been closed by Dr. Koucheryavy at 16:30.

Minutes written by Dr. G. Giambene

List of delegates, COST 290, October 7 – 8, 2004

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