



COST Action 272

“Packet-Oriented Service Delivery via Satellite”

**Minutes of the Fourth Management Committee Meeting
University of Surrey, 5-6 of December 2002**

COST272 secretariat

1. Day One (December, 5)

Opening from the chairman, Professor Gérard Maral, and welcome speech by Professor Barry Evans, University of Surrey.

Administrative matters: approval of the meeting agenda, approval of the last meeting minutes and budget report.

Network of Excellence Discussion

Discussion about one of the FP6 instruments, namely Networks of Excellence (NOE). It is noted that a lot of Expressions of Interest (EOI) regarding NOEs have been proposed, among them few in the satellite field.

A meeting will be organised in the evening regarding the possibility to merge some of these satellite related NOEs (this idea is well received by the EC).

Presentation from R. Rumeau "Open Sky Meetings over Europe: Rationale and Basic Concepts"

A discussion follows in order to determine whether such a technology should be the major topic of an NoE or whether it could support other research topics. The conclusions are as follows:

- Satellite facilities available in the group should be exploited in order to provide connectivity. However, care should be taken in order to ensure that these facilities will be available in the future. Appropriate measures have still to be defined. The cost of a 2Mbit/s capacity is about 500 Keuros a year. This might imply the definition of a business model provided satellite access is required in a later proposal.
- OSMOSISNET-like technology goes in two directions fostered by the EC, namely "Training of other groups" and "Dissemination of results".
- OSMOSISNET-like technology supports the study of technical issues such as multicasting and Ipv6 networking architectures.

Additionally, since some of the EOIs proposed in the satellite field are likely to merge, we have to be clear about (a) which FP6 instrument will be used in coming proposals (NOE or Integrated Project) and (b) the focus of the proposal.

Technical presentations and discussions

M. Werner "Satellite Based Aeronautical Communications: Status Update of Ongoing Research".

Michael Howarth "Security Systems for Multicast Data Transfer over Satellite".

L. Liang "Multicast Deployment and QoS Measurements in ICEBERGS".

Demonstration of the Geocast IST project.

K. Narenthiran "Radio Interface Design for NBMS Services via S-UMTS: the Satin Project".

M. Karaliopoulos "The Interaction of BoD and TCP in Broadband Satellite Networks"

2. Day two (December, 6)

Technical presentations and discussions

K. Narenthiran “MoDiS: the S-DMB Experimental Platform”.

F.J. González-Castaño “Satellite-to-WLAN Video Transcoding”.

L.S. Ronga “CNIT Ka Skyplex Satellite Network”.

COST280/COST272 joined workshop

The workshop is scheduled for 26-28 of May, 2003. The venue is Estec.

Provisional title for the workshop: “Satellite Communications: from Fade Mitigation to Service Provision”

Provisional agenda:

- Monday, 26 late PM: welcome session, poster session and cocktail reception.
- Tuesday, 27 :single stream of presentations, workshop dinner.
- Wednesday, 28: presentations (cont’d), panel discussion (suggested end: 4 PM).

Another suggestion is to restrict the number of papers to 18 (9 per action, included invited papers). The remaining papers are assigned to the poster session. The Call for Paper is scheduled for December.

The registration fee (if any) is currently undetermined, taking into account that publication and venue expenses are covered by the Estec.

Report from the NOE meeting held on December 5 evening

Professor Barry Evans will provide minutes for this meeting.

Technical presentations and discussions

Franco Davoli “Dynamic Resource Allocation in a Multiservice Satellite Network with Fading”.

Franco Davoli “Quality of Service Measurements of Video Encoded Sequences over an Emulated Ka Band Satellite Environment”.

L.S. Ronga “MuDiSP3 and NePSing Simulation Environments: Link and Network Level C++ Simulation for Satellite Systems”.

The meeting ends at 3:50 PM

ANNEX I

List of Attendants

Ange Nordbotten	Telenor
Cristina Lopez Bravo	Poli. University of Cartagena
Erina Ferro	CNUCE/CNR
Francisco Javier González-Castaño	University of Vigo
Franco Davoli	DIST-University of Genoa/CNIT
Gérard Maral	ENST/TéSA
Gerasimos Dimitriadis	Aristotle University of Thessaloniki
Haitham Cruickshank	University of Surrey
Joël Cannau	Brussels University
Laurent Franck	LAAS-CNRS
Luca Simone Ronga	University of Firenze/CNIT
Marco Annoni	Telecom Italia Lab
Markus Werner	DLR
Maryan Vázquez-Castro	Universidad Carlos III de Madrid
Merkourios Karalioupos	University of Surrey
Mihael Mohorčič	Jozef Stefan Institute
Misha Filip	University of Portsmouth
Niovi Pavlidou	Aristotle University of Thessaloniki
Olivier Markowitch	Brussels University
Orestis Tsigkas	Aristotle University of Thessaloniki
Ray Sheriff	University of Bradford
Robert Rumeau	CNES
Zhili Sun	University of Surrey