



Invitation to the WG 1 Workshop
RONEXT
and 11th tris WG1 Meeting of COST 270
04th to 06th July 2005
Barcelona, Spain

On behalf of The Management Committee of COST 270, it is my pleasure to invite the management committee members, the participants of COST 270 and all interested parties to the **RONEXT workshop**. The workshop will take place at Telefónica, Edifici Estel, Avda. De Roma 73-91, Barcelona, Catalonia, Spain on **05th July 2005**.

Local Organizing Committee

Josep Solé-Pareta, Marian Marciniak and Lena Wosinska are the organizing committee for the workshop and meeting.

Confirmation of attendance

Please confirm your attendance in advance for the meeting by sending the Confirmation Form (Annex 1) to the secretary Francis BERGHMANS by email fberghma@sckcen.be or by telefax at +32 14 31 19 93 at the latest by 15th June 2005.

Reimbursement for travelling expenses (i.e. flight, train and bus tickets + daily allowance)

Management Committee (MC) members of the COST 270 action can apply for a reimbursement of their expenses according to the reimbursement rules available on http://cost.cordis.lu/src/cost_office_documents.cfm. The reimbursement forms and further information can be obtained from the secretary Francis Berghmans at fberghma@sckcen.be. **Reimbursements will be treated on a first come first serve basis, up to a total reimbursement budget for the workshop and meeting of 6000 EURO.**

Meeting Schedule and Agenda's

The meeting schedule and workshop advance programme are given in Annex 2 to this document.

Travelling Instructions and Accommodation

Suggestions for travelling and hotel reservations are detailed in Annex 3 and Annex 4, respectively.

Welcome to the RONEXT Workshop and to the 11th tris WG 1 Meeting of COST 270 !

Sincerely,

Dr. Hans G. Limberger,
Chairman of COST 270



ANNEX 1. Confirmation Form COST 270 Secretariat - Deadline 15th June 2005

Please fax (+32 14 311993) or e-mail (fberghma@sckcen.be) this message to the COST 270 Secretary Dr. Francis Berghmans (SCK•CEN), before 15th June 2005.

COST270 Meeting Attendance Confirmation

I, Dr./Mr./Ms.....

from the company/University/Institution.....

hereby confirm my attendance to the RONEXT Workshop and 11th tris WG 2 Meeting, 04th - 06th July 2005 at Barcelona, Spain.

Mail (post) address:

.....

Country:

Phone number(s):.....

Telefax number :

E-mail Address:

I will will not participate to the RONEXT Workshop

I will will not attend the 11th tris WG 1 Meeting

I will will not apply for reimbursement of expenses

Please, note that confirmations received after 15th June may not be considered for reimbursement.

Those planning to attend should still register for the conference through the ICTON 2005 website, <http://www.itl.waw.pl/icton/index.html> !

Other messages and information regarding the Action and meeting arrangements:

.....

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Signature :



ANNEX 2. WG1 11th tris meeting and RONEXT Workshop advance program

Monday, 4th July 4, 2005 Joint COST 291 sessions

09h00 – 16h00 : COST 291 workshop – joint sessions
16h00 – 18h00 : COST 270 internal preparation session

Tuesday, 5th July, 2005 RONEXT

09h00-11h00 RONEXT I - Opening Session
Chair Lena Wosinska

- **Wayne Grover**, University of Alberta, Edmonton, Canada, “End-to-end failure-independent path protection with p-cycles: efficient and simple protection for transparent optical networks” (Invited)
- **Amitava Mukherjee**, IBM Global Services India, Calcutta, India, “Fault management for next-generation IP-over-WDM networks” (Invited)
- **Marian Marciniak**, National Institute of Telecommunications, Warsaw, Poland, “Optimised Availability of Transparent Optical Infrastructure for Next Generation Networking” (Invited)
- **Carmen Mas**, Athens Information Technology, Greece, “Comparison of transparent versus opaque interconnecting nodes of OADM rings with respect to failure location” (Invited)
- **Robert Inkret**, University of Zagreb, Croatia, “Applying p-cycles to multi-service photonic network” (Invited)
- Session contributed presentations

Coffee break

11h30-13h30 RONEXT II - Reliability for Free Space Optical Systems
Chairman Erich Leitgeb

- **Tony Boucouvalas**, Bournemouth University, Poole, UK, "Reliability of indoor and short range-FSO" (Invited)
- **Frédérique de Fornel**, CNRS Université de Bourgogne, Dijon, France, “Title to be specified” (Invited)
- Session contributed presentations

Lunch break

15h00-17h00 RONEXT III - Next Generation Optical Network's reliability
Chairman: Marian Marciniak

- **Luca Valcarengi**, Sant'Anna School of University Studies and Doctoral Research Center of Excellence for Communications Networks Engineering, Pisa, Italy , “Network aware grid computing resilience” (Invited)
- **Erich Leitgeb**, Graz University of Technology, Austria, “Reliability of FSO links in next generation optical networks” (Invited)
- **Steinar Bjornstad**, Telenor R&D, Fornebu, Norway, “QoS in optical packet/burst switching, parameters and methods for service differentiation” (Invited)
- **Isabella Cerutti**, OpNeAr Lab, Dallas, Texas, USA, “A threshold based blocking differentiation mechanisms for all-optical WDM networks” (Invited)
- **Martin Koehn**, University of Stuttgart, Germany, “Improving fairness in multi-service multi-layer networks”, (Invited)
- Session contributed presentations

Soft drink break



16h45-18h45 RONEXT IV - Poster presentations

Accepted RONEXT poster submissions will be presented and discussed with participation of ICTON audience.

In addition to the above, a number of other ICTON contributions will be relevant to the COST 270 RONEXT Workshop audience, especially those submitted to WAOR 2005– Workshop on All-Optical Routing, and COST 291 Workshop on Issues and Challenges in Optical Networking. Those should not overlap with RONEXT Sessions. This is an added value for the workshop attendees to attend the complete ICTON conference.

Those of a particular interest are:

- **Norbert Hanik**, Technical University of Munich, Germany, “Worst case simulation of the effect of polarisation mode dispersion in long-haul optical transmission”
- **Klaus Petermann**, Technical University Berlin, Germany, “Top-down analysis of high capacity optical transmission systems”
- **Josep Prat**, Universitat Politecnica de Catalunya, Barcelona, Spain, “Latest trends and new research in Fiber-to-the-Home networks”
- **Francisco Gonzalez-Castano**, University of Vigo, Spain, “Analytical evaluation of intrinsic survivability in packet-path networks”
- **Dimitrios Klonidis**, University of Essex, UK, “Designing a high speed optical packet switched network”
- **Ilse Lievens**, Ghent University, Belgium, “Dimensioning studies for transparent optical backbone networks”
- **Harald Overby**, Norwegian University of Science and Technology, Trondheim, Norway, “Fairness in the loss free slotted optical packet switched metro ring network architecture”
- **Josep Segarra**, Universitat Politecnica de Catalunya, Barcelona, Spain, “Hybrid WDM/TDM PON based on bidirectional reflective ONUs offering differentiated QoS via OBS”
- **Ruth Van Caenegem**, Ghent University, Belgium, “All Optical Label Swapping: a challenge for node dimensioning”
- **Lena Wosinska**, Royal Institute of Technology, Kista, Sweden, “Buffering and control in all-optical packet switching nodes”

Abstracts of RONEXT and ICTON invited presentations listed above are available at <http://www.itl.waw.pl/icton/lectures.html>.

COST 270 RONEXT workshop technical agenda details will be available shortly at the ICTON 2005 web page <http://www.itl.waw.pl/icton/index.html> from 15th May (subject to updates). The contributed papers will be listed by the end of May 2005. All accepted RONEXT papers will be included in ICTON 2005 Proceedings (an IEEE publication).

Wednesday, 6th July, 2005 **11th tris WG1 Meeting**

09h00 – 16h00 WG1 11th tris Meeting and lab visits at CTTC (a detailed agenda will be issued later).

ANNEX 3. Travel instructions

How to reach Telefónica – 04th and 5th July 2005

The workshop will take place at the Edifici Estel (Telefónica), Avda. de Roma, 73-91 Barcelona, Spain. Nearby underground stations are : Entença (Line 5), Hospital Clínic (Line 5), Rocafort (Line 1), Urgell (Line 1), Sants estació (Line 3 and Line 5). Additional information is available from <http://icton.fib.upc.edu/icton/index.htm>



How to reach CTTC – 06th July

The WG1 11th tris meeting will take place at CTTC. CTTC is located at the North Campus of the Polytechnic University of Catalonia, (UPC), at the Nexus I building (c/Gran Capità 2-4, rooms 202-203). CTTC can be easily reached by taxi, subway or bus. The nearest subway station is Zona Universitària, which is the last station of Line 3 (green) of the Barcelona Metro. Buses 7, 33, 54, 60, 67, 68, 74, 75 and 213 are the most suitable. More information is available from <http://www.cttc.es/info/GettingToCTTC.pdf>



ANNEX 4. Accomodation

For registration, accomodation and local arrangements, please visit <http://www.itl.waw.pl/icton/index.html> and <http://icton.fib.upc.edu/icton/index.htm>