

Dear colleagues,

The European Conference on Optical Communications (ECOC 2006) was, like every year a milestone for researchers working in the area of Optical Networking. E-photon/ONE+ had a very strong presence with meetings allocated together with the event, presentations and papers by many partners and the IST exhibition booth serving a platform for integration and dissemination of results.

Hope you enjoy the third e1+ Newsletter issue  
The editorial team

### e-photon/ONE+ @ ECOC 2006: ECOC 2006 IST booth organized by e-Photon/ONE+

**e-Photon/One+ organised this year's booth 430-432, at the ECOC exhibition at Palais des Festivals et des Congrès, Cannes, France-between 25th - 27th September 2006**

The IST booth at ECOC 2006 was organised with success. There were posters from some IST projects: e-PHOTON/ONE+, NOBEL, MUSE, PHOSPHOROUS, MUPBED, BREAD rolling presentations from E-PHOTON/ONE+, GEANT2, EPIXNET and a small demo from IST POF-ALL.

### e-Photon/ONE+ Meetings

#### **Joint VD-H and VD-A Meeting at ECOC 2006**

A joint meeting between the two virtual Departments was held on Tuesday Sep. 26, 11.00-12.30 h with presentations from partners and discussion on joint projects.

### e-Photon/ONE+ presentation by Fabio Neri

**Symposium on Europe's Research Programmes in Motion**

#### **Lessons learned with the e-Photon/ONE Network of Excellence (Mo.1.3.4)**

**F. Neri, P. Poggiolini, Politecnico di Torino, Italy**

The aim of the paper was to present e-Photon/ONE. The coo-ordinator explained how NoEs aim at the integration of the activities of the involved researchers and institutions, exploiting complementarity to achieve critical mass and to foster excellence. "Virtual Departments" in e-Photon/ONE coordinate technical activities in specific thematic areas. In this paper the authors briefly discussed the organization of e-Photon/ONE and discussed their experience in coordinating and participating to this NoE.

### e-photon/ONE+ article @ IST Results News and Features

**Optical technologies power transmission capacity, article by Fabio Neri -Politecnico di Torino-Based on information from e-Photon/ONE**

**Abstract:** As more and more people demand faster, more integrated network connections, an EU-funded project is promoting the benefits of optical technologies in this rapidly growing and changing field.

<http://istresults.cordis.europa.eu/index.cfm/section/news/tpl/article/BrowsingType/Features/ID/82431>

## WP-L: Joint and Virtual Laboratories

The WP-L equipment and facility webpage is online (2/10/2006) with update status for each partner of the project. The pages summarise facilities which the partners participating in WP-L are able to make available for joint/virtual laboratory experiments. The pages will be updated to incorporate any additional information provided by the partners

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## Events

### **DRCN 2007 La Rochelle, France, 7-10 October 2007,**

DRCN (International Workshop on the Design of Reliable Communications Networks) is now a well-established forum on reliability and availability of telecommunications networks, and related topics. From equipment and technology for survivability to network management and monitoring, through methods and theory for survivable and reliable network design, the aim of the conference is to gather researchers from the academia and practitioners from the industry in order to address network and service reliability issues. DRCN 2007 will be based around the central theme 'Reliability issues in network convergence' and will be held on October 7-10, 2007 in La Rochelle, France. The deadline for paper submission is January 15, 2007. For more info:

<http://www.drcn.org/>

### **Photonics in Switching 2006 Herakleion, Crete, Greece, October, 16-18 2006**

Photonics in Switching (PS) is a historic conference on optical switching created at the end of the 1980's. Mixing an active academic community with manufacturers and operators it is aiming to address these issues and to pave the way towards next generation networks. This year's event is supported by e-Photon/ONe+ and IEEE and will be held in Crete in Greece. For more information:  
<http://www.ps2006.gr/>

### **IST Event 2006, Helsinki, November, 21-23 2006**

Special Session on :  
Next Generation Internet, ubiquitous and unlimited capacity networks/ BB European Strategic Taskforce  
Coordinator: **Daniel KOFMAN**  
The goal of this session is to define research priorities and develop visions for new R&D proposals in the field of the Next Generation Internet, design and engineering. The session is structured around three main objectives: (1) have a map on "Broadband for All" research by highlighting the main outcomes of FP6 projects, (2) give a mid and long term vision on future research by introducing new perspectives on ubiquitous and unlimited capacity communication networks, and (3) draw a picture of potential projects for FP7 by giving IST 2006 delegates the opportunity to discuss forthcoming projects. The session will introduce 'Broadband European Strategic Taskforce (BEST)' being formed with key members of Industry, operators, Standards organization, Research Institutes, SMEs, Universities and policy makers. The taskforce would provide information exchange platform to the experts to develop new visions towards European Broadband networks, services and applications evolution. For more info:

<http://eurongi.enst.fr> and <http://www.ist-bread.org>

## NoE partners by Region

UK

FLE - Fujitsu Laboratories of Europe Ltd.

IRC - Intel Corporation UK Ltd: <http://www.intel-research.net/cambridge/>

ORC-CC2 - The University of Southampton: <http://www.orc.soton.ac.uk>

UCL - University College London: <http://www.ucl.ac.uk>

UEssex - University of Essex : <http://www.essex.ac.uk>