

Dear colleagues,

In this issue ECOC related events are presented. ECOC 2005 attracted 258 exhibiting companies, 3126 exhibition visitors and exhibiting personnel and 880 conference delegates.

ECOC reached an international audience with over 70% of attendees arriving from international countries. Of the international audience:

34% were from Europe

15% were from North America

17% were from Asia

2% were from Australasia & Pacific

2% were from Middle East & Other

For those of you who visited the event we hope you will find a good wrap up of the e-Photon/ONE related happenings and for those of you that were not able to attend we hope you will find it interesting! As always you can find more at: <http://www.e-photon-one.org/>

Hope you enjoy the issue  
The editorial team

## e-Photon/ONE Workshop

### **"Mitigating Linear and Non-Linear Optical Transmission Impairments by Electronic Means"**

At ECOC 2005, Virtual Department 5 organized a Sunday afternoon, 5-hour workshop on "Mitigating Linear and Non-Linear Optical Transmission Impairments by Electronic Means". Attendance was over 200 people throughout the event, due to the hot topic being dealt with and to the prominent speakers, of whom 7 were from companies and 5 from the Academia.

Their list, together with an abstract of their talks, can be found here:

<http://conferences.iee.org/ecoc05/Milesframe.htm>

(then click on "workshops" and then on "W1").

The presentations given at the workshop are being collected and uploaded onto the E-Photon/ONE public website:

[http://www.e-photon-one.org/ephotonone/servlet/Photon.Generar?seccio=1\\_2\\_6\\_5\\_1](http://www.e-photon-one.org/ephotonone/servlet/Photon.Generar?seccio=1_2_6_5_1)

(then click at bottom on "download page", some are already on-line).

## e-Photon/ONE Invited Presentation

### **Conference sessions We1.1 & We2.1: "A Review of Major International Programmes"**

#### **The Network of Excellence e-Photon/ONE**

F Neri, P Poggiolini, Politecnico di Torino, Italy, F Callegati, Università di Bologna

E-Photon/One Coordinator presented the Network of Excellence (NoE) as a project on optical networks funded by the EU in the VI Framework Program. The symposium intended to present major international programmes and in this presentation a summary of Virtual Departments views on the state-of-the-art and on future trends and key issues in research on optical networks was presented.

#### **Other presentations in the session**

"Achievements of the European NOBEL Project," by G. Ferraris (TILab), et al.

"Multi Service Access Everywhere (MUSE)," by P. Vetter (Alcatel Belgium), et al.

"Ultra-High Capacity Optical IP Routers for the Networks of Tomorrow: IRIS Project," by D.T. Neilson, D. Stiliadis, P. Bernasconi (Lucent Bell Labs)

"LASOR (Label Switched Optical Router): Architecture and Underlying Integration Technologies," by D.J. Blumenthal (UC S.Barbara)

"Terabit Network Revolution in Japan," by K Hagimoto (NTT)

"The Future of Optical Transmission in Access and Metro Networks - an Operator's View," by R. Davey, D. B. Payne (BT)

### e-Photon/ONe WP2, WP3 and WP8 Joint Meeting

A WP2, WP3 and WP8 e-Photon/ONe joint meeting and workshop was held on the 27<sup>th</sup> of September in parallel with ECOC at SEEC. The agenda was as follows:

- Welcome (D. Jaeger, E. Zoungeli, T. Koonen)
- e-Photon/ONe+; report of status (F. Neri)
- Status of report on "Joint papers of operators view in the area of broadband access in the WP2 of e-Photon/ONe"; Overview of the broadband access evolution and long term evolution of PONs (J. Prat)
- Paper on "Large core POF and access networks" (R. Gaudino)
- Paper on "POF applications in home and local systems" (T. Koonen)
- Further activities and timescale of the project

### e-Photon/ONE ECOC booth

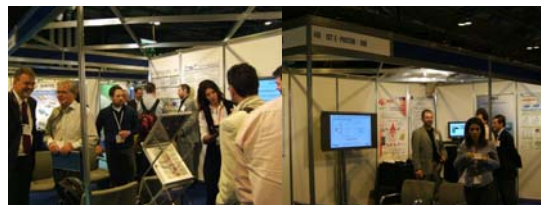
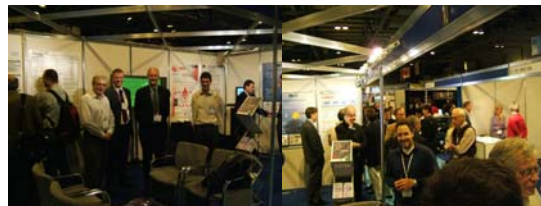
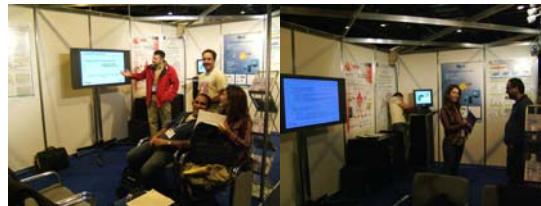
**e-Photon/ONE organized the European Commission ECOC 2005 exhibition booth, Booth numbers: 416-417**



WP 14 organised the e-Photon/ONe European Commission booth. The booth supported posters and displays from a number of major EU projects; e-photon/ONe, MUSE, NOBEL, BREAD, MUPBED, WAPITI, EPIXNET, GEANT2.

The stand was in a strategic position, a corner stand close to the exhibition entrance, and there were a large number of visitors for most of the days. As well as providing information on the individual projects and the EU programmes, the booth performed as a platform for exchange of information and dissemination of results between the IST projects themselves.

Something equivalent is planned for ECOC 2006 exhibition already with perhaps additional information showing results of international research collaborations. For more information please contact Tanya Politi: [tpoliti@telecom.ntua.gr](mailto:tpoliti@telecom.ntua.gr)



### Reference links

ECOC 2005 Conference: <http://conferences.iee.org/ecoc05/Milesframe.htm>

ECOC 2005 Exhibition: <http://www.ecocexhibition2005.com/modules/serve.cgi>