

Dear colleagues,

The first year audit has been successfully performed and the assessment is already in hand. The NoE had a strong presence at OECC and is planning a strong presence at ECOC 2007.

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

### e-photon/ONE+ @ OECC 2007: Best paper Award and Workshop

**N. Yan, T. Silveira, A. Teixeira, A. Ferreira, E. Tangdiongga, P. Monteiro, A. M. J. Koonen : “40 Gb/s All-Optical Multi-Wavelength Conversion via a Single SOA-MZI for WDM Wavelength Multicast” e-Photon/One+ paper**

The results of a short term mission within E-photon/ONE+ were submitted at OECC/IOOC in Japan this year and the accepted paper got the best paper award. The high quality work performed during short term missions for joint papers is recognized at the conference.

**OECC/IOOC2007      Workshop 1:      3rd  
International Workshop on the Future Optical  
Networking**

**Beyond 100Gbps Metro and New-Generation  
Access Technologies - Monday 9th July 2007  
Pacifco Yokohama, Japan**

100Gbps and beyond metro networks together with new-generation FTTH are of growing interest, but many challenges remain for their realisation and debates over their “killer” applications are ongoing. This workshop will focus on the technology challenges of metro networks such as the >100GigE and terabit LANs together with their roles and applications.

It will also cover topics on New-Generation FTTH systems 5-10 years from now, including the 3D- or Super-High-Definition video services, their network topologies, and the access technologies such as OCDMA as well as integration of optical and wireless in access and metro. The workshop featured invited talks by experts all over the world and had a panel comprising of people from government, industry, and academia that concluded the workshop by debating the above topics.

**Speaker:**

Ting Wang, NEC Labs in Princeton, USA  
Rick Lee, Teknovus, USA  
Byoung-Whi Kim, ETRI, Korea  
Itsuro Morita, KDDI R&D Laboratories, Japan  
M. Tsubokawa, NTT Labs., Japan  
Osamu Ishida, NTT Network Innovation Labs., Japan  
Xu Wang, NICT, Japan  
Peter Ossieur, IMEC, Belgium  
Peter Van Daele, Ghent Univ. Belgium  
Stuart Walker, Univ. Essex, UK

The workshop was attended by more than 150 people.

[www.ics-inc.co.jp/OECC\\_IOOC2007](http://www.ics-inc.co.jp/OECC_IOOC2007)

### e-photon/ONE+ Management and Admin issues

**EC Financial assessment for first reporting period**

The e-Photon/ONE+ Management Team is pleased to inform you that the EC completed the financial assessment for the first reporting period of e-Photon/ONE+. The full report is available on project website.

### Reporting: deadline 28 September

Next BMR will cover the period 1st March - 31st August 2007. The on-line reporting is already available on the e1+ directory service at <https://e1.unibo.it>. Further details will be provided by the Project Office.

### Reminder: acknowledging e-photon/ONE+

We remind you that our Project Officer requests that the participation to workshops or conferences that take place outside Europe must be PREVIOUSLY notified to the EC. The papers must include acknowledgements to e1+. The suitable ack phrasing is the following: "This work has been supported by the European Commission through the Network of Excellence e-Photon/ONE+".

## Announcements

### Collaboration through Lifelong Learning programme (ERASMUS)

Universidad Autónoma de Madrid is looking for universities partners of e-Photon/ONE+ wanting to sign Erasmus agreements in Telecommunication Engineering (Electronic Engineering and Computer Science are also valid). Interested parties should contact : [Jorge.Lopez\\_Vergara@uam.es](mailto:Jorge.Lopez_Vergara@uam.es)

### Applications for Fellowship program

CTTC's PhD fellowship program is now open for applications until Sept 26, 2007. For more information please contact : [raul.munoz@cttc.es](mailto:raul.munoz@cttc.es)

## Events @ ECOC 2007

### e-Photon/ONE+ booth at ECOC 2007 exhibition

This year booth 12060-12062 is allocated to e-Photon/ONE+ with posters from major IST projects (NOBEL, MUSE, PHOSPHORUS, MUPBED and BREAD), rolling presentations from e-Photon/ONE+, Epixnet and PIEMAN and HECTO.

### "Networks for IT: A new opportunity for optical network technologies" in conjunction with ECOC 2007

This workshop, 'Networks for IT: A new opportunity for optical network technologies' is co-organised by e-Photon-One and Phosphorus members and is scheduled for Sunday 16<sup>th</sup> September 14:00 - 18:00. It will be chaired by Dimitra Simeonidou ([dsimeo@essex.ac.uk](mailto:dsimeo@essex.ac.uk)) of University of Essex. Co-chairs for the event are Mario Pickavet ([mario.pickavet@intec.ugent.be](mailto:mario.pickavet@intec.ugent.be)), Ghent University, IBBT, Anna Tzanakaki ([atza@ait.edu.gr](mailto:atza@ait.edu.gr)), Athens Information Technology and Ioannis Tomkos ([itomkos@ait.edu.gr](mailto:itomkos@ait.edu.gr)), Athens Information Technology.

The workshop stems from the well known realization that networks increasingly deal with managing and adapting distributed computing and associated data management resources (PCs, servers, supercomputers, clusters) and storage systems. Due to potentially very high aggregated demands for networked IT, a paradigm shift in the optical network architecture may be needed to enable dynamic and distributed IT services at large scale. This workshop offers a unique opportunity for optical network researchers and practitioners to exchange ideas and experiences on problems, challenges, solutions and future research and development issues concerning the deployment of optical networks for providing IT services. In addition to invited paper presentations, the workshop provides an intimate setting for discussion and debate.

### NoE partners by Region

#### Greece

AIT - Research and Education Society in Information Technologies

<http://www.ait.edu.gr>

CTI - Research Academic Computer Technology Institutw: <http://www.cti.gr>

ICCS/NTUA - Institute of Communication and Computer Systems/National Technical University of Athens: <http://www.iccs.ntua.gr>

UoA - National and Kapodestrian University of Athens: <http://www.uoa.gr>

UoPelop - University of Peloponnese: <http://www.uop.gr>