

Newsletter

No. 2 -- August 2006

Dear Members and Friends of Photonics21,

Since the holiday season is tapering off the photonics community returns to its usual busyness. Several events all over Europe lie ahead of us. And as you can see from the news below Photonics21 is well represented and increasingly recognised. From the platform perspective, the most relevant one will certainly be the Photonics21 Annual Meeting to be held in Brussels. Meanwhile, the date has been fixed. Please mark the 4th and 5th of December 2006 in your diaries!

*Sincerely yours,
Photonics21 Secretariat c/o VDI Technologiezentrum GmbH*

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Photonics21 Annual Meeting on 4th and 5th December 2006 in Brussels

The Photonics21 Annual Meeting 2006 will take place in Brussels on 4th and 5th December. The Executive Board and the Board of Stakeholders will recapitulate the activities and achievements in 2006 and present the Photonics21 draft action plan for 2007. For the next year the work within the Working Groups shall be intensified, e.g. in the way that road maps for different photonics sectors will be developed. A special session in cooperation with the European Commission will be dedicated to photonics in FP7. Representatives from different units within the European Commission will give detailed up-to-date information on the first calls with relevance to Photonics. Further information on the Photonics21 Annual Meeting, like venue, agenda and online registration form, will be made available within the next weeks. Please note the date in your diary!

Photonics21 intensifies cooperation with complementary Technology Platforms

Photonics21 aims at intensifying cooperation with complementary European Technology Platforms in order to realize synergies and coordinate activities. The Chairs of the working groups “Industrial Production / Manufacturing and Quality” and “Life Sciences and Health” already established contacts to the relevant ETPs “Manufuture”, “Europ” and “NanoMedicine” and are presently preparing “Memorandums of Understanding” which shall be executed soon. Further collaborations between Photonics21 and other ETPs are intended.

ETP Manufuture:

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

ETP Europ:

<http://www.robotics-platform.eu.com/>

ETP Nanomedicine:

<http://cordis.europa.eu/nanotechnology/nanomedicine.htm>

Full description of the Photonics21 research priorities now available

In July 2006 a list of the research priorities for the first calls in FP7 as identified by the Photonics21 working groups had been posted on the Photonics21 website. A detailed description of each research priority is now available in the member area of <http://www.photonics21.org>.

Photonics21 represented at “ECOC2006”

Photonics21 Executive Board members will contribute to the ECOC2006 “European Conference on Optical Communication” to be held on 24th - 28th September 2006 in Cannes, France. Paul Lagasse, Vice President of Photonics21, will give a status report on Photonics21 and its activities at the “Symposium on Europe’s research programmes in motion”. Within the framework of the Symposium Henri Rajbenbach from the European Commission will also present a talk on “Photonics and Optical Communications in the Present and Upcoming European Research Programmes”.

http://www.ecoc2006.org/dossiers/dossiers.php?idparent=1&id_dossier=107

A workshop on the Photonics21 Strategic Research Agenda with special focus Work Group 6 “Design and Manufacturing of Optical Components and Systems” is organized by Photonics21 Executive Board member Lars Thylen. The Workshop is titled: “Design and manufacturing of optical components and hardware: Do we need it in Europe?”

http://www.ecoc2006.org/dossiers/dossiers.php?idparent=1&id_dossier=106

Photonics21 session at “ICO Topical Meeting on Optoinformatics/ Information Photonics 2006”

The ICO Topical Meeting on Optoinformatics/ Information Photonics 2006 will be held in St. Petersburg, Russia, on 4th-7th September 2006. The

Photonics21 Executive Board members Malgorzata Kujawinska and Chris Dainty will inform the participants on recent developments with regard to Photonics21 as well as special activities within Working Group 7 (Photonics Education, Training and Research Infrastructure). One aim of the session will be to increase the involvement of the eastern European countries in Photonics21. In the course of the session Georg Kelm from the European Commission will give an outlook on R&D topics in photonics and optoelectronics for the FP7.

http://ysa.ifmo.ru/tmo2006/special_sessions.php (not always available!!)

European Commission presents Photonics21 at ScotlandIS

ScotlandIS will organise an event titled “Photonics21 - Towards a bright future for Europe” on 19th September 2006 in Edinburgh. This seminar will focus on European as well as on UK programmes and strategies in Photonics. Ronan Burgess (European Commission, DG IST, Unit “Nanoelectronics and Photonics”) will present Photonics21 in the course of the event.

ScotlandIS is the trade body for software, telecomms and IT in Scotland, and represents members from all ICT disciplines - from small specialist businesses to global companies.

<http://www.scotlandis.com/index.cfm/page/84/event/317/>

DTI report “Photonics: A UK Strategy for Success - Painting a Bright Future”

The UK Department of Trade and Industry published a national Strategic Research Agenda for Photonics in the UK. A wide range of experts from industry and academia developed six strategic recommendations as well as an action plan for the UK. It was further recommended that UK stakeholders should be actively engaged in Photonics21: “There was broad support for the formation of the European Photonics21 technology platform that aims to address future research requirements from a European perspective. It is recommended that the KTNs (knowledge transfer networks; editorial remark) should be actively engaged with the programme to represent the interests of the UK photonics community.”

(Source: DTI)

<http://reporting.dti.gov.uk/cgi-bin/rr.cgi/http://www.dti.gov.uk/files/file30415.pdf>

New Photonics21 members

Within the past month 23 new members representing the following organisations joined Photonics21:

Novartis, Infineon Technologies AG, S.C. OPTOELECTRONICA 2001 S.A, Element Six BV, Huawei Technologies Co. Ltd, PowerPhotonic Ltd, RTC North Ltd, Rhenaphotonics Alsace, RECS-Europe, Swansea University, University of Naples, The University of Manchester, LSP-ENSPS-ULP, University of St. Andrews, Istituto per la Microelettronica e Microsistemi-Consiglio Nazionale delle Ricerche, CNR-INOVA, DALSA Professional Imaging, University of Padua and INSTM, University of West Bohemia, DUMLUPINAR UNIVERSITY, University Marburg, Technical Univeristy of Łódź, Millimetre-wave Laboratory of Finland MilliLab, INESC Porto

A warm welcome to all new members!

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