SPIE Photonics Europe

European Network Participants

ICT- APACHE & ICT BOOM Projects #32
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ICU/FNIR #28
Pleinlaan 2, Brussels, Belgium, 1050
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New Product: Infrared Imaging Components for Use in Automotive Safety Applications.

The ICU project is a strategic research project, supported by the European Commission - FP7, in which six of Europe's leading companies and institutes have joined forces. ICU aims at prototyping a low-cost infrared night vision system that can resolve a pedestrian or animal on the road. The infrared imaging system will be developed to provide high contrast images of warm objects completely independent of ambient light conditions and is expected to considerably increase safety on the roads. Contact: Frank Niklaus, Project Coordinator ICU, frank.niklaus@ee.kth.se; Leif Bergstrom, Project Coordinator FNIR, leif.hugo@telia.com.

InTopSens #24
Ny Munkegade 120, Aarhus University, Aarhus C, Denmark, DK-8000
+45 8942 1111; fax +45 8612 0740
aa@au.dk; http://inano.au.dk
InTopSens is an EU framework 7 project with five research and two industry partners. We are developing a highly integrated optical sensor for point of care label free identification of sepsis bacteria strains in whole blood and their antibiotic resistance profile. Contact: Daniel Hill, Project Coordinator, danhill@kth.se; Asger Christian Krüger, Post Doc., asgerk@phys.au.dk.

Nanophotonics Europe Association #26
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OSIRIS #22
1 ave de Belle Fontaine, Cesson-Sévigné cedex, France, 35576
+33 2 99 27 36 42; fax +33 2 99 27 30 73
www.thomson.net
New Product: Rear Projection glassless 3D Display (HoloVizio) and LCOS Laser Front Projector (Barco).

OSIRIS (Original System for Image Rendition via Innovative Screens) is a European funded Integrated Project under IST-FP6 (IST-33799 IP). The objectives are to carry out new generations of 2D and 3D projection systems, with the help of innovative component technologies (LED, Laser, holographic and IL screens). The OSIRIS consortium is made up of 9 partners from 4 European countries: Technicolor (Thomson), Osram OS, Sax3D, Sypro Optics, Barco, Oxxius, Fraunhofer ISE, Holotools and Holografika. Contact: Arno Schubert, OSIRIS Project Leader, arno.schubert@technicolor.com; Zsuzsa Dobrányi, Sales Manager - Holografika, zs.dobranyi@holografika.com.

PHASORS #30
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PHASORS (Phase Sensitive Amplifier Systems and Optical Regenerators and their Applications) is a European Commission FP7 supported project targeted at the development and application of Phase Sensitive Amplifier (PSA) technology in 40Gbit/s broadband core networks. The project is a collaborative research activity between, University of Southampton – ORC (UK), University College Cork – Tyndall Institute (IE), Chalmers University (SE), University of Athens (GR), OneFive (CH), Eblana Photonics (IE), OFS(DK) and EXFO (SE).

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Photonics 4 Life #23
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Photonics4Life is the European Network of Excellence for Biophotonics. 13 top-of-the-line research institutes, all active in the broad domain of Biophotonics, have joined forces to establish a European platform on Biophotonics for both academia and industry. They aim to provide a coherent and interdisciplinary framework for research in the strongly fragmented field of Biophotonics in Europe. Another major goal is to initiate a paradigm shift in research by putting emphasis on the needs of physicians and patients and to strengthen local, national, and European research and communication activities between technical developers and medical users. Photonics4Life is funded by the European Commission within the 7th Framework Programme. Contact: Prof. Juergen Popp, Coordinator of Photonics4Life, Juergen.popp@ipht-jena.de; Dr. Robert Moeller, Head of Research Group “Jena Biochip Initiative”, Robert.moeller@ipht-jena.de.