

***** 5th Press Release OLLA Project *****

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**International Summer School on OLED lighting:
Lectures by top experts group on novel lighting technology**

7 March 2008, Warsaw, Poland

The European ICT research project OLLA* organizes its fourth and last edition of the International Summer School on OLEDs. During this event an international group of top experts will explain and discuss the latest developments and challenges of Organic Light Emitting Diodes, a new and promising lighting technology.

**) 'OLLA' stands for high brightness Organic LEDs for ICT & next generation Lighting Applications*

"This is the fourth time that our Polish partner - Institute of Physical Chemistry, PAS - is organizing the school for the OLED community" said Peter Visser, project manager of OLLA. "The summer school is open to everyone in the scientific community, who is interested in the background and technology of OLEDs. It focuses on the latest developments of this technology by lectures and open academic discussions".

Organic Light Emitting Diodes (OLEDs) are light sources based on organic hetero-aromatic complexes. This flat and thin form of light is world-wide recognized as very promising future lighting technology. Together with inorganic LEDs, OLEDs have the potential for considerable energy savings in lighting applications.

"It is a real pleasure to organize a summer school for such enthusiastic group of committed people" said Prof. Marek Pietraszkiewicz, director of the summer school. " Last year we had in total 96 participants from 16 countries together for a full week of technical discussion. Due to the different backgrounds of the participants, these discussions ended often only in the late evening at the camp fire".



The Summer School group of 2007.

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The school is situated in the small and picturesque summer resort site of Krutyn in the heart of the Polish Mazurian Lake District. *"This is one of the last undisturbed European secrets. The complex of 1000 lakes has its origin in the Ice Age and is interconnected by canals and rivers. From the terrace of the conference centre you can kayak into these lakes for relaxation after the work"* said Marek.

Although the OLLA Project will end by June this year, it will not be the last summer school on this topic. "Certainly not!", said Peter Visser, "And as the European OLED industry is about to start, a lot more researchers and well trained personnel are needed. Such occasion is an excellent way to focus and inform your self on the latest developments in OLED lighting technology and to get in touch with the main players and possible future employers".

Event dates: 27 May – 2 June

Location: Krutyn, Poland

Deadline for registration: March 30th.

Link and subscription via summer school website: <http://summerschool.olla-project.org>

ADDITIONAL INFORMATION FOR EDITORS:

Links related to this press release

- OLLA project website: <http://www.olla-project.org>
- Link towards original picture materials: <http://www.hitech-projects.com/euprojects/olla/downloads.html>
- The FP6- IST programme: <http://cordis.europa.eu/ist/>

About the OLLA project:

OLLA is a joint research project dedicated to the development of white OLEDs for general lighting applications. Goal of the OLLA project is to demonstrate in 2008 long-life and highly efficient white OLED light with the following specifications: efficacy of 50 lm/W, lifetime of 10.000 hours from an initial brightness of 1.000 cd/m², with a minimum tile size of 15x15 cm². A final project event is planned for June 12th in Eindhoven, the Netherlands.

The consortium consists of 24 entities in 8 European countries. OLLA is partially funded under the IST priority (Information Society Technologies) of the European Union's 6th Framework Program (FP6).

About OLEDs

OLEDs are a novel and very attractive class of solid-state light sources, which are flat, thin, and very lightweight. OLEDs generate a diffuse, non-glaring illumination with high color rendering. Due to its freedom of design, OLED lighting technology offers many possibilities for new lighting applications. OLEDs could also be used in lighting systems with controllable color, allowing users to customize their light atmosphere. Furthermore, as a highly efficient light source, the technology has the potential of achieving substantial energy savings, without compromising color rendering or switching speed.

For more information, previous press releases, and high-resolution versions of OLED pictures please go to the download section of:
www.olla-project.org

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Key data of the OLLA project:

OLLA project goal: demonstration of OLEDs technology for Lighting Applications

- Project website: www.olla-project.org
- Duration: 45 months, started on 1 October 2004.
- Project budget: approximately € 20 Million
- EU contribution: € 12 Million funding
- EU contract number: IST-2002-004607.

The consortium consists of 24 partners:

Universities:

- Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- Katholieke Universiteit Leuven (KUL), Belgium
- Rijksuniversiteit Groningen (RUG), the Netherlands
- Institut für Angewandte Photophysik (IAPP), Technische Universität Dresden, Germany
- Universität Kassel, Germany
- Universiteit Ghent, Belgium

Research Institutes:

- Centre National de la Recherche Scientifique - Institut des Matériaux Jean Rouxel de Nantes (CNRS-IMN), France
- Centre National de la Recherche Scientifique - Laboratoire de Chimie de Coordination du CNR (CNRS-LCC), France
- Consiglio Nazionale delle Ricerche (CNR-ISOF), Italy
- Fraunhofer Institute for Photonic Microsystems (IPMS), Germany
- Institute of Physical Chemistry of the Polish Academy of Science, Poland
- Interuniversitair Micro-Electronica Centrum (IMEC), Belgium
- National Nanotechnology Lab (NNL), Lecce, Italy
- VTT Technical Research Centre, Finland

Industrial Partners:

- Aixtron AG, Aachen, Germany
- Merck KGaA, Frankfurt, Germany
- H.C. Starck GmbH, Germany
- Novald AG, Dresden, Germany
- Osram Opto Semiconductors GmbH, Regensburg, Germany
- Philips Electronics Nederland BV, Eindhoven, the Netherlands
- Philips Lighting GmbH, Aachen, Germany
- Philips GmbH Forschungslaboratorien, Aachen, Germany
- Sensient Imaging Technologies GmbH, Wolfen, Germany
- Siemens AG, Erlangen, Germany

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