



## Programme Committee

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## Organizing Committee

Wacław Urbaczyk  
Artur Podhorodecki  
Marcin Syperek  
Przemysław Poloczek

## Important Information

### Deadlines

31 May, 2006 - Abstract submission, Registration  
8 September, 2006 - Manuscript submission

### Abstract Submission

Abstracts in English should be prepared as a single A4 page, typed in MS Word using single-spaced Times New Roman 12 pt font. Please submit an abstract by e-mail as attached file to the following address: [opera@pwr.wroc.pl](mailto:opera@pwr.wroc.pl)

### Conference Fees

Conference fee: 120 EUR. Symposium fee includes admission to all symposium sessions, coffee breaks, lunches, banquet and the CD with symposium proceedings.

## Sponsored by



Wrocław University of Technology



European Photonics Industry Consortium



Centre for Advanced Materials and Nanotechnology



# Symposium on Photonics Technologies for Framework Programme 7

**12-14 October, 2006**  
**Wrocław, Poland**

More details on  
<http://www.if.pwr.wroc.pl/~opera2015>

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## Conference Scope

The European Programme OPERA-2015 seeks to build a bridge between optics and photonics activities in the 6th Framework Programme and R&D in the new era of the Photonics Technology Platform, Photonics<sup>21</sup>, a leading European initiative for Framework Programme 7.

The objective of OPERA-2015 is to provide a platform for adequate interaction of European IST-research (Information Society Technology) in Optics and Photonics and to develop and implement a joint strategy for research and industry.

This will be realized by:

- Setting up an optics and photonics information
- Exchange and communication platform
- Compilation of state of the art of research in optics and photonics
- Analysis of relevant industries and markets
- Development of a strategic vision called "OPERA-2015" [www.opera2015.org](http://www.opera2015.org)

Thus we have pleasure to invite the entire European Photonics Community to hear the results of the latest developments in this area and to provide further input to the Technology Platform in FP7.



More details on  
[Http://www.if.pwr.wroc.pl/opera2015](http://www.if.pwr.wroc.pl/opera2015)

## Symposium Programme

The Symposium addresses the principal themes of the Photonics Technology Platform and seeks to involve the scientific and engineering communities in the creation and the execution of the strategic agenda for optics and photonics in Framework Programme 7.

### Communications

- Optical Data Storage
- Transparent Optical Communication Networks
- Optical Information Security
- Quantum Information Processing
- Materials, Devices and Subassemblies for Communications

### Life Sciences

- Optical Biochips/Imaging,
- Spectroscopy, and Microscopy
- Laser-assisted Therapies
- Optical Manipulation of Cells and Molecules
- Tissue Engineering
- Photonics for Biometrics

### Laser-Assisted Manufacturing and Machine Vision

- Blue Optoelectronics
- Fibre Lasers
- Laser Metrology
- High-Power Diode Laser Systems
- Laser Technology for Marking
- Laser Technology for Welding

### Design and Manufacture of Photonic Components

- Design, Prototyping and Manufacture
- Measurement, Testing and Reliability
- Packaging and System Integration

More details on  
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## Symposium Programme

### Lighting and Displays

- Materials (organic/polymer and inorganic) and Devices
- Thermal Management
- Packaging
- Organic/polymer Displays versus Established Technologies (LCD, PDP, etc)

### Sensors and Metrology

- Measurements in the Micro and Nano Scales
- Physical and Electromagnetic Sensors
- Quantum-well devices: QWIP and Quantum Cascade Structures
- Environmental, Biological and Medical Sensors
- 2-Dimensional and 3-Dimensional Metrology
- Multiplexing Sensors
- Applications and Systems

### Research, Education and Training

- Optics and Photonics Education
- Training in Photonics Research
- Entrepreneurship in Photonics



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