



## International Workshop on Quantum Dots and Laser Applications

12-14 July 2007, Wrocław,  
Poland

The IWQDLA Workshop is organized by the EU VI FP project "ZODIAC" – "Zero Order Dimension based Industrial components Applied to telecommunications" in cooperation with: Institute of Physics and Centre of Advanced Materials and Nanotechnology, Wrocław University of Technology (WUT)

The workshop is aimed to give an overview of the current status in the field of semiconductor lasers based on quantum dot gain medium. The main attention will be paid to discussion of fundamentals and general approaches of novel QD materials and

designs, their electronic structure, new physical phenomena and all the device related aspects from technology, through processing to operation characteristics and modeling. The goal of the workshop is to promote and encourage the interaction between academic and industrial research to address scientific and technological challenges associated with the improvements of the quantum dot lasers.

IWQDLA will be organized as a combination of plenary lectures given by worldwide well recognized experts and short oral contributed presentations plus afternoon poster sessions. The organizers encourage young scientist to attend the meeting for whom the low cots participation option is prepared.



### Partial list of Invited Speakers

- **Yasuhiko Arakawa** - *University of Tokyo*
- **Mike Wale** - *Bookham Technology*
- **James S. Harris** - *Stanford University*
- **Maurice S. Skolnick** - *Sheffield University*
- **Francois Lelarge** - *Alcatel Thales III-V Lab*
- **Mikhail Maximov** - *IOFFE, Physico-Technical Institute*
- **Marc Fischer** - *Nanoplus Nanosystems and Technologies, GmbH*
- **Paola Borri** - *Cardiff University*
- **Jean M. Gerard** - *Laboratoire Nanophysique et Semiconducteurs, Grenoble*

### Programme committee:

**Alfred Forchel**, Würzburg University - Chairmen  
**Andrea Fiore**, Ecole Polytechnique de Lausanne  
**Jan Misiewicz**, Wrocław University of Technology  
**Abderrahim Ramdane**, LPN, CNRS  
**Mike Wale**, Bookham Technology

### Important Dates

- Abstract submission deadline: **May 10, 2007**
- Notification of acceptance: **May 28, 2007**

For further details please visit the workshop homepage:

<http://zodiac.if.pwr.wroc.pl/IWQDLA/>  
or contact Conference Secretariat by e-mail at [iwqdla@pwr.wroc.pl](mailto:iwqdla@pwr.wroc.pl).

### Sponsored by:



Centre of Advanced Materials and  
Nanotechnology (WUT)