

WORKSHOP LOCATION

The 12th European workshop on MOVPE will be held in Bratislava, the capital of Slovakia on 3-6 June 2007 at the SUZA Conference Center located in a beautiful area close to the city centre. Shuttle buses will be provided by the Organizing Committee to reach the Centre from the various hotels. Public transport is also available.



FURTHER INFORMATION

Details of registration, accommodation, exhibition, etc., will appear in the 2nd Call for papers in September 2006. Also, you can access the latest information on the web site, <http://elu.sav.sk/EW-MOVPE/index.html> . If you need further information earlier, contact:

EW-MOVPE Secretary

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First call for Papers

12th European Workshop on Metalorganic Vapour Phase Epitaxy

EW-MOVPE 2007



Bratislava, Slovakia,

3 – 6 June 2007

organized by

Institute of Electrical Engineering,
Slovak Academy of Sciences

SCOPE

This workshop is the 12th in the series of successful European meetings on metalorganic vapour phase epitaxy and related issues. They have become a traditional meeting opportunity for the European scientific community involved in MOVPE - from universities and research institutes as much as from industry. It is a forum where all topics relevant to MOVPE are addressed, ranging from surface science to device development, from basic growth mechanisms to production issues. The aim of the Workshop is to bring together European specialists, physicists, chemists, material science specialists and engineers to discuss the latest trends in the field of MOVPE growth of semiconductors, device fabrication, and related technological problems.

Eleven successful workshops were previously held in Aachen (1987), St Andrews (1988), Montpellier (1989), Nijmegen (1991), Malmö (1993), Gent (1995), Berlin (1997), Prague (1999), Wrexham (2001), Lecce (2003), and Lausanne (2005).

TOPICS

- Organometallic precursors & chemical sources
- Growth and doping mechanisms
- In-situ probing, real time measurements and process monitoring
- Reactor and process modelling
- Selective area epitaxy, non-planar growth and self-assembled growth
- Low dimensional structures and related devices
- GaAs, InP, diluted nitrides and diluted magnetic semiconductor materials and devices
- Wide band gap materials and oxides (GaN, AlN, II-VIs, ZnSe, ZnS, ZnO, etc.)
- Photovoltaic and solar cells materials and structures
- Infrared materials and GaSb-based materials
- Safety and industrial issues

WORKSHOP CHAIR

J. Novak, Institute of Electrical Engineering, Slovak Academy of Sciences, Bratislava, Slovakia

PROGRAMME COMMITTEE

- D. Bertone, Avago Inc., Torino, (Italy)
- H. Hardtdegen, IBN -1, Research Centre Juelich, Juelich, (Germany)
- E. Hulicius, Inst. of Physics. Academy of Sciences of CR, Prague, (Czech Republic)
- S. J. C. Irvine, University of Bangor, Wales (UK)
- J. Johansson, Lund University, Lund, (Sweden)
- M. Leys, IMEC - Interuniversity Microelectronics Center, Leuven, (Belgium)
- N. Lovergine, University of Lecce, Lecce, (Italy)
- N. Mason, Chemistry Consulting, (UK)
- B. Mullin, EMC, Poole, Dorset, (UK)
- J. Novak, IEE SAS, Bratislava, (Slovakia)
- A. Ougazzaden, UMI Georgia Tech-CNRS, Metz, (France)
- M. A. Poisson, Alcatel Thales, Marcoussis, (France)
- W. Richter, University of Rome "Tor Vergata", Rome, (Italy)
- A. Rudra, Ecole Polytechnique Fédérale de Lausanne, (Switzerland)
- F. Scholz, University of Ulm, (Germany)
- W. Stolz, University of Marburg, (Germany)
- M. Weyers, Ferdinand-Braun-Institut für Höchstfrequenztechnik, Berlin, (Germany)

WORKSHOP FORMAT

According to tradition, the Workshop consists of invited plenary talks and contributed poster presentations. A commercial exhibition will feature international exhibitors from all sectors of materials science and engineering communities. Three short courses at a tutorial level will be organized for students and newcomers to the field of MOVPE on Sunday, 3 June.

ABSTRACT SUBMISSION

All prospective authors are requested to submit a one page abstract in electronic form to the Workshop secretariat by 16 February 2007. Instructions for electronic submission can be found on the Workshop web page at:

<http://elu.sav.sk/EW-MOVPE/index.html>

Authors of abstracts accepted for the poster presentation will be notified by 23 March 2007. Such authors are then required to prepare a four page extended abstract of their work by 30 April 2007. The extended abstracts will be incorporated in the workshop Booklet of Abstracts. Extended abstracts must be submitted to the Workshop secretariat in electronic form according to instructions provided on the Workshop web pages.

REGISTRATION FEES

▪ Before 31 March 2007	350 €
▪ After 31 March 2007	440 €
▪ Student registration fee Before 31 March 2007	220 €
▪ Student registration fee After 31 March 2007	260 €
▪ Short course (each)	50 €

IMPORTANT DATES:

Abstract submission	16 February 2007
Notification of acceptance	23 March 2007
Early registration	31 March 2007
Extended abstract submission	30 April 2007
Workshop opening	3 June 2007