

First Announcement and Call for Papers

INTERNATIONAL CONFERENCE

Advanced Laser Technologies



ALT'08



September 13-18, 2008
Siófok, Hungary



Deadlines

May 23, 2008	Deadline for abstract submission
June 15, 2008	Notification of acceptance
July 1, 2008	Registration deadline
July 18, 2008	Last day of Receipt of Reduced Registration Fee
September 13-18, 2008	Manuscript due date

Dear Colleagues, Dear Friends,

We are pleased to announce the 16th event of the ALT conference series, ALT'08. To find a slot in the dense conference timetable proved to be a rather hard task. In order to minimise the interference with other meetings of interest of prospective attendees (most notably E-MRS Spring Meeting, Strasbourg, France) and to stick to the tradition of the ALT meetings, ALT'08 will take place between 13 and 18 September 2008, in form of a four-day topical conference. In line with the philosophy of preceding conferences participants are encouraged to explore the problems and possibilities of the field and exemplify these by their most important new results. The conference will feature oral and poster sessions, leaving plenty of time for in-depth discussions in an informal atmosphere.

Key Topics

In addition to the traditional issues, as photonics, laser-matter interaction and nonlinear processes, applications of nano-, pico- and femtosecond lasers in materials science, nanotechnology, spectroscopy, etc. separate sessions focusing on

- peculiarities of and processing using ultrashort lasers,
 - the state-of-the-art of fiber lasers and their applications,
 - medical and biomedical applications of photon sources,
 - lasers in sensorics,
 - lasers in photoacoustics, and
 - lasers in metrology
- will be organized.

Organizers

Department of Optics and Quantum Electronics, University of Szeged, Hungary,
Department of Natural Sciences and Environmental Protection, College of
Dunaújváros, Hungary,
Research Group on Laser Physics of the Hungarian Academy of Sciences, Szeged,
Hungary
LaserSkill Ltd.,
General Physics Institute, Moscow, Russia,
Center of Laser Technology and Material Science at GPI, Moscow, Russia,
International Laser Centre, Moscow State University, Russia

The Venue

The conference will take place in Hotel Panoráma**** Siófok, at the shore of lake Balaton (<http://www.panoramahotel-siofok.hu/>), 110 km south-west from the capital of Hungary, Budapest. It takes less than 1.5 hours to get from Budapest Ferihegy airport to Siófok by car or bus on motorway M7. Alternatively, in the fall Siófok is well served by the Hungarian railway (see timetable at www.elvira.hu).



Registration fees

The conference fee includes lodging and full board: buffet breakfast, lunch and dinner for 5 nights in Hotel Panoráma**** (also including the use of swimming pool, jacuzzi, sauna and fitness rooms), admission to all sessions, one copy of the book of abstracts, coffee breaks, excursion and gala dinner.

Prices are as follows, if payments are received

	Before July 18, 2008	After July 18, 2008
Regular in single room	EUR 600	EUR 650
Student in single room	EUR 400	EUR 450
Regular in twin/double room	EUR 500	EUR 550
Student in twin/double room	EUR 300	EUR 350
Accompanying persons (supposing sharing a room with a participant):	EUR 300	EUR 350

Contributions

Prospective participants are invited to submit 1-page abstracts of 200-500 words (in MS Word) by e-mail to both Organising Committee Co-Chairs: **Vladimir Pustovoy: pustovoy@nsc.gpi.ru** and **Tamás Szörényi: t.szorenyi@physx.u-szeged.hu**, outlining the performed work, methodology and results. The abstract should contain author's name, affiliation, address for communication, fax number and e-mail address. The name of the presenting author should be underlined. All abstracts must be supplied in English. The deadline for submission of abstracts is May 23, 2008. The presenting author will be notified by June 15, 2008.

Instead of compiling a SPIE proceedings, paper version of the presentations will be published in Laser Physics (<http://www.lasphys.com/lasphys.htm>) after rigorous peer review.

Tentative programme

13 Sept. 2008, Saturday	Arrival, registration, buffet dinner
14-17 Sept. 2008, Sunday-Wednesday	Scientific programme + a half day excursion
18 Sept. 2008, Thursday	Departure after breakfast

Due to the coherent topic of the meeting and to allow full attendance no parallel sessions will be organized. Recalling the success of the poster sessions of previous conferences, further to *oral* presentations (invited: 25+5 and contributed: 15+5 minutes in length) several *poster* sessions will also be organised.

Dissemination of information

Electronic correspondence is the solely feasible way to approach interested researchers. Therefore we kindly ask and encourage you to circulate the present announcement within prospective participants. We would also appreciate your notifying us on your intention at your earliest convenience.

Please specify whether you will:

- (a) join the meeting definitely or
- (b) consider to join

by sending an e-mail to

t.szorenyi@physx.u-szeged.hu and cc. **pustovoy@nsc.gpi.ru**
by **1st May 2008** at the latest.

Information on ALT'08

Conference web sites: <http://www.laserskill.com/ALT08/>
<http://www.nsc.gpi.ru/conf.html>
Location-Venue: <http://www.gotohungary.com/regions/balaton.shtml>

Committees

Conference Chairman

Ivan Shcherbakov, Russia - director@gpi.ru

Program Committee Co-chairs

Zsolt Bor, Hungary – bor@physx.u-szeged.hu
Vitaly I. Konov, Russia – konov@rfbr.ru
Boris Denker, Russia – denker@Lst.gpi.ru

Organising Committee Co-chairs

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Vladimir Pustovoy, Russia – pustovoy@nsc.gpi.ru

Local Organizing Committee

Zsolt Geretovszky, Hungary

Béla Hopp, Hungary

László Nánai, Hungary

Károly Osvay, Hungary

International Program Committee

Carmen Afonso, Spain

Peter Atanasov, Bulgaria

Sergey Bagaev, Russia

David Blank, Netherlands

Ian Boyd, U.K.

Douglas Chrisey, USA

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Anne Dauscher, France

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Wolfgang Kautek, Austria

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Harri Kopola, Finland

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Betty Leon, Spain

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Torbjörn Löfqvist, Sweden

Armando Luches, Italy

Qingming Luo, China

Vladimir Makarov, Russia

Risto Myllylä, Finland

Vladislav Panchenko, Russia

Alberto Pique, USA

Adrian Podoleanu, U.K.

Juan Pou, Spain

Alexander Priezzhev, Russia

Alexander Sergeev, Russia

Michael Stuke, Germany

Valery Tuchin, Russia

Vadim Veiko, Russia

Alexey Zheltikov, Russia