SECOND ANNOUNCEMENT

5th International Conference on

Tunable Diode Laser Spectroscopy

July 11-15, 2005

Florence, Italy

Visit our web page to find important information about the conference

http://tdls.conncoll.edu

NOTE IMPORTANT DEADLINES

- Hotel Demidoff Reservations Deadline: December 31, 2004
- Industrial Session Abstract Submission Deadline: January 15, 2005
- Registration fees (reduced): January 31, 2005
- Abstract Submission Deadline: March 15, 2005
- Manuscript Submission: September 15, 2005

Conference Chairs:

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Industrial Session:

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International Advisory Committee

Claude Alibert (France)
Claude Camy-Peyret (France)
Paul Davies (United Kingdom)
Alan Fried (USA)
Armin Lambrecht (Germany)
Muriel Lepere (Belgium)
A.R.W. McKellar (Canada)
Claude Thiebeaux (France)
Frank Tittel (USA)
Hiromichi Uehara (Japan)
Alain Valentin (France)
Peter Werle (Italy)
Gisbert Winnewisser (Germany)
Mark Zahniser (USA)

Invited Speakers

Federico Capasso Harvard University
Weidong Chen University of Littoral
Alan Fried National Center for Atmospheric Research
Livio Gianfrani Seconda Universita Di Napoli
Peter Hering Dusseldorf University
Massimo Inguscio European Laboratory for Non Linear Spectroscopy
Eric Kerstel University of Groningen
Toni Laurila Tampere University Of Technology
Philip Martin University of Manchester
Boris Mizaikoff Georgia Institute of Technology
Allessandro Rossi Universita di Trento
Keiichi Tanaka Kyushu University

Scientific Program

The scientific program covers a broad field of modern theoretical and experimental tunable diode laser spectroscopy. Two sessions will be held each day, morning and afternoon. The Conference schedule will include invited lectures and poster sessions.

1. Semiconductor Lasers.
   $A_{III}B_V$, $A_{IV}B_{VI}$, DFB lasers, quantum cascade lasers, photoelectric devices, laser noise, laser line width.

2. New Techniques and Technology.
   Instrumentation and components, signal processing, fiber optics, calibration.

3. Fundamental Spectroscopy.
   New spectral data, line profile studies, kinetics and photo chemistry.

   Exhaust gas analysis, detection of explosives and drugs, isotope ratio measurements, plasma diagnostics.

5. Environmental Monitoring.
   Atmospheric monitoring, instrument intercalibration, field experiments, laboratory studies.

6. Industrial Developments.
   Analytical systems based on Tunable Diode Lasers.

Abstracts

Abstracts are accepted in electronic form and should be sent as e-mail attachments to: tdls@nsc.gpi.ru and copy to tdls@conncoll.edu. Word format of abstracts is required. Abstracts will not be edited. Authors are fully responsible for both appearance and content of their submission. The title should be centered and typed in upper case. The name(s), affiliation and address of the author(s) should be centered and typed in upper and lower case letters. Abstracts should be typed single spaced using Times 12 pts font. Margins should be at least the following: top - 3.5 cm; bottom - 2.5 cm; right - 2.5 cm; left - 2.5 cm (3 cm for Letter size paper). Maximum length is one page. Deadline for abstracts submission is March 15, 2005.
**Conference Proceedings**
A special issue of *Spectrochimica Acta* will be prepared and distributed to each participant. Manuscripts should be submitted to Arlan Mantz at Connecticut College prior to September 15, 2005.

**Language**
The Conference language is English. Abstracts must be submitted in English.

**Registration**
If you plan to attend or participate, please complete the registration form at the following web page: [http://tdls.conncoll.edu/registration.html](http://tdls.conncoll.edu/registration.html) today!

**Registration Fees**
Please make your payment as soon as possible in order to ensure that your registration is complete. [http://tdls.conncoll.edu/reg_fees.html](http://tdls.conncoll.edu/reg_fees.html)

**Accommodations at the Demidoff Hotel**
The hotel reservation deadline is December 31, 2004. After this date, the hotel will no longer reserve rooms for the TDLS conference. To reserve a room, please contact the hotel via e-mail at info@hoteldemidoff.com and put “TDLS2005” in the subject line. Without this code, the booking will be rejected.

All necessary information can be accessed through the web pages: [http://tdls.conncoll.edu/demidoff.html](http://tdls.conncoll.edu/demidoff.html) [http://www.hoteldemidoff.com/](http://www.hoteldemidoff.com/)

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Participants should expect to arrive at the hotel on Sunday, July 10, 2005 and depart on Friday, July 14, 2005 or later.

The third announcement will be sent in April 2005 by e-mail only, and only to those participants who have registered so please register today.