



## 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:

### Industrial Session:

<p><b><i>Professor A. W. Mantz</i></b>            Connecticut College            270 Mohegan Avenue New            London,            Connecticut 06320-4196 USA            Phone: +1(860) 439 5030            Fax: +1(860) 439 5011            E-mail: awman@conncoll.edu</p>	<p><b><i>Professor A. I. Nadezhdinskii</i></b>            General Physics Institute            Russian Academy of Sciences            38 Vavilov Street Moscow            117942, Russia            Phone: +7(095) 135-8281            Fax: +7(095)135-8281            E-mail: nad@nsc.gpi.ru</p>	<p><b><i>Dr. Peter Werle</i></b>            National Institute of Applied            Optics            Largo Enrico Fermi 6            50125 Florence, Italy            E-mail: PWWerle@inoa.it</p>
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## International Advisory Committee

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

## Invited Speakers

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

$A_{III}B_V$ ,  $A_{IV}B_V$ , 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.

### 4. Diagnostic and Process Monitoring.

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](mailto:tdls@nsc.gpi.ru) and copy to [tdls@conncoll.edu](mailto: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> 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](mailto: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://www.hoteldemidoff.com/>

Via della Lupaia 1556  
50036 Pratolino - Florence  
Tel. 055 505641  
Fax 055 409780

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.**