



## SECOND ANNOUNCEMENT

### LAP2012 presentation

The 6<sup>th</sup> International Conference on Laser Probing (LAP2012) will be held in Paris 5<sup>ème</sup> at the Institut Henri Poincaré. It is aimed to highlight the state of the art in Laser Probing and to reinforce the common ground and synergies among the different actors in the field. The Institut de Physique Nucléaire d'Orsay and the Grand Accélérateur National d'Ions Lourds in Caen are in charge of the organization of this event, co-sponsored by the Institut National de Physique Nucléaire et de Physique des Particules (IN2P3) and the Laboratory Physique des 2 Infinis et des Origines (P2IO).

More than 100 experts in various advanced laser fields are expected from all over the world.

### Conference Venue

The conference will be held at the IHP Institut Henri Poincaré in the centre of Paris in the quartier Mouffetard and Sorbonne within walking distance of the quartier Latin and Notre Dame de Paris. Information on accommodations can be found on the web site conference.





### **International Advisory Committee:**

Paul Campbell	University of Manchester (UK)
Valentin Fedosseev	CERN (Switzerland)
Peter Hannaford	Swinburne University of Technology (Australia)
Dag Hanstorp	University of Gothenburg (Sweden)
Shuichi Hasegawa	University of Tokyo (Japan)
Wolfgang Husinsky	Vienna University of Technology (Austria)
Nathalie Lecesne	GANIL Caen (France)
Peter Lievens	Katholieke Universiteit Leuven (Belgium)
Zheng-Tian Lu	Argonne National Laboratory (USA)
Iain Moore	JYFL (Finland)
Alain Petit	CEA Saclay (France)
Michael Savina	Argonne National Laboratory (USA)
Klaus Wendt	Johannes Gutenberg University Mainz (Germany)

### **Local Organizing committee:**

François Le Blanc	IPN Orsay (Chair)
Nathalie Lecesne	GANIL Caen (Co-chair)
Valérie Frois	IPN Orsay (Secretary)
Laurence Berthier	IPN Orsay
Laurent Fortin	GANIL Caen
Iolanda Matea	IPN Orsay
Marica Sjodin	GANIL Caen
David Verney	IPN Orsay

The organizers of the Conference are: IPN Orsay, GANIL (Caen) and Institut Henri Poincaré (Paris).



## Scientific Program

The LAP2012 will serve as an interdisciplinary forum for experimental and theoretical research, and the scientific program covers Laser Probing topics such as:

- Optical spectroscopy of atoms, molecules, clusters and atomic nuclei
- Analysis and characterization of solid, liquid and gaseous materials and particles
- Reaction chemistry and ultrafast phenomena
- Development of new laser-based technique and/or lasers for probing

This will include established and new techniques, such as:

- Resonance ionization spectroscopy
- Resonance enhanced multiphoton ionization
- Photoelectron spectroscopy
- Laser ablation and desorption
- Matrix assisted laser desorption/ionization
- Laser-induced breakdown spectroscopy
- Coherent control and optimization of laser pulses
- Other laser-based techniques

## Sessions

All oral presentations will take place from Monday to Friday at the Hermite amphitheatre of the Institut Henri Poincaré. One or more invited talks will be presented for each session.

A total time of 40 minutes (35'+5' for discussion) will be allotted for invited papers and 20 minutes (15'+5' for discussion) will be allotted for oral contributions. A poster session will be held in a dedicated room on Tuesday, 5<sup>th</sup> at 4 pm followed by a cocktail.



## **Abstract submissions**

All the abstracts will be collected into a booklet that will be distributed to the participants at the registration. The templates for the preparation of the abstracts are available on the conference website.

The abstracts should be uploaded on the web site of the conference before **March 1<sup>st</sup>, 2012**. All the abstracts will be reviewed by the International Advisory Committee and the acceptance notification will be e-mailed before March 30<sup>th</sup>, 2012, indicating whether they are allocated for oral presentation or for posters (the submitting author should clearly indicate his/her preference).

The proceedings will be published in a Hyperfine Interaction dedicated volume after reviewing.

Six pages will be allocated for invited papers and four for contributed papers of selected talks. Three pages will be asked for poster contributions.

Instructions for the manuscripts preparation will be sent along with the notification of acceptance of abstracts.

## **Key Dates**

Conference: June 4-8, 2012 with an after-conference laboratory tour on June 8

Second announcement and start of registration: January 2012

Deadline for submission of abstracts: March 1, 2012

Registration deadline: April 9, 2012

Registration fees payment deadline: May 7, 2012

Final announcement: May, 2012



## Registration

The registration form is available on-line. The conference fee is payable in Euro (€) and it includes:

- materials of the conference including the abstract book,
- a copy of the conference proceedings,
- a cocktail reception during the poster session (Tuesday 5<sup>th</sup>)
- all coffee breaks,
- the conference banquet and conference excursion (Thursday 7<sup>th</sup>),
- a visit of the ALTO facility at the Institut de Physique Nucléaire d'Orsay (Friday 8<sup>th</sup>).

The full fee is € 400.00 while the discounted fee for students is € 250.00. Students must specify their Head of Department or Supervisor name in the registration webpage, for reduced fee eligibility. The accompanying person registration fee is € 70.00 and it includes the social dinner and the other social events.

The payments should be effected in Euro by bank transfer to the [Azurcolloque](#) website after reception of your registration confirmation email.

To proceed with the registration please [follow this link](#).

## Insurance

Attendees have to take care of their health insurance. No responsibility can be taken by the organizers.



## **VISA Information**

The LAP conference is usually attended by scientists coming from several countries of the five continents. Participants coming from European Union (EU) can travel in France with normal passport or regular identification document. Visitors coming from nations not belonging to EU must be present in France under an appropriate visa. The information presented here will help you to identify the appropriate documentation and to apply for necessary visas.

Citizens of USA, Canada, Japan, Australia and some countries of east Europe do not need any visa to enter France and countries of the Schengen area.

We definitely suggest visiting [the following link](#) to check if you need a visa.

If you require a visa, please contact the [French embassy or Consulates](#) of your country. For further information on entrance visas for France and the Schengen visit the [French Foreign Office](#).

On request, an official letter of invitation will be sent to any participant for obtaining visa, provided that it does not imply any obligation or funding. Requests should be directed to the Chairman before March 1st, 2012.



## Social events and entertainment

### Welcome reception

The welcome reception will be held on Tuesday June 5, 2012, 6 p.m., at the Institut Henri Poincaré right after the poster session.

### Visit

A visit to the ALTO facility (Accélérateur Linéaire au Tandem d'Orsay) with its laser ion source will be organized in Orsay on Friday afternoon at 2:30 pm.

### Conference dinner

The conference banquet will be held on Thursday evening at the Musée d'Orsay in Paris. Details will be given in the Final Announcement.



### Conference excursion

This conference dinner will be preceded by a private visit of the [Musée d'Orsay](#) (the biggest museum of the Impressionism in Paris)



Updated information and news will be posted on the website, please check it periodically.



## Contact information

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Valérie Frois: [lap2012@scienceconf.org](mailto:lap2012@scienceconf.org)

Web site: <http://lap2012.sciencesconf.org/>

## Conference Secretary:

LAP2012

Institut de Physique Nucléaire d'Orsay

91406 Orsay cedex

France

Best wishes!

On behalf of the LAP2012 Organizing Committee,

We are looking forward to seeing you in Paris,

François Le Blanc and Nathalie Lecesne