



SOL-GEL CHARACTERIZATION TECHNIQUES AND BIO-RELATED SOL-GEL MATERIALS

The International Sol-Gel Society presents its fourth Summer School to be held in Paris from July 6th to 10th 2014. Young researchers and experienced scientists are invited to gather at the beautiful Cite Internationale Universitaire de Paris (CIUP) for 4 days to attend courses on sol-gel chemistry and advanced characterization techniques.

A RICH SCIENTIFIC AND SOCIAL PROGRAM

11 international experts coming from both Academia and Industry will cover topics ranging from sol-gel chemistry to advanced characterization techniques and bio-related sol-gel materials during an intensive 3-day program. In addition, the activities scheduled in the evenings will give the attendees the opportunity to network in a friendly environment.

| PROGRAM OVERVIEW | Sunday 6 July | Monday 7 July | Tuesday 8 July | Wednesday 9 July | Thursday 10 July |
|------------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------|
| Morning | | Courses | Courses | Courses | Departure - 09:00 |
| Lunch | | Lunch | Lunch | Lunch | |
| Afternoon | | Courses | Courses | Courses | |
| | Arrival - 16:00 | Open discussion with speakers | Open discussion with speakers | Open discussion with speakers | |
| Evening | Welcome reception | Banquet | Free | Free | |

INVITED SPEAKERS

- > **Christophe Barbé**, Ceramisphere (Australia): *Sol-Gel Science and Technology: Your imagination is the limit. From fundamentals to starting your own business.*
- > **Cédric Boissière**, CNRS, Collège de France, Paris (France): *Ellipsometry for thin film analyses.*
- > **Christian Bonhomme**, UPMC, Collège de France, Paris (France): *Advanced NMR techniques for nanomaterials.*
- > **Thibaud Coradin**, CNRS, LCMCP, Collège de France, Paris (France): *Characterizing biological processes within sol-gel materials.*
- > **Geraud Dubois**, IBM Almaden Research Center and Stanford University (USA): *Thin film mechanical properties.*
- > **Francois Fabreguette**, Micron Technology, (USA): *Applications of X-Ray diffraction and reflectivity techniques.*
- > **Julian Jones**, Imperial College London, Faculty of Engineering, Department of Materials (UK): *Sol-gel glasses and hybrids in regenerative medicine.*
- > **Danielle Laurencin**, Institut Charles Gerhardt Montpellier (France): *Sol-gel materials for drug delivery applications.*
- > **Mika Linden**, Inorganic Chemistry II, University of Ulm (Germany): *Mesoporous silica nanoparticles for theranostics.*
- > **Philipp Llewellyn**, CNRS, Université de Provence, Marseille (France): *Characterization of porosity in solids.*
- > **Nicola Pinna**, Institut für Chemie, Humboldt-Universität, Berlin (Germany): *Electron microscopy.*

Detailed program and updates on ISGS website: <https://www.isgs.org/index.php/isgs-summer-school-2014>

In addition to the lectures, a **poster session** will be held to give you the opportunity to display your research and discuss it (a best poster will be awarded). **Participants are strongly encouraged to present a poster.** Companies have the opportunity to exhibit material and know-how through an **exhibition** or by becoming **sponsor**.

A NICE PLACE TO WELCOME YOU IN PARIS

The venue for this residential School is the famous CIUP. 4 nights accommodation is available on site.



THE ISGS SUMMER SCHOOL, HISTORY AND OBJECTIVES

The ISGS Summer School 2014 is based on the success of the previous editions held in 2012 in Paris, in 2010 in Clermont-Ferrand, France and in 2008 in Alghero, Italy. A description of previous editions and corresponding materials is available on the dedicated page: <https://www.isgs.org/index.php/isgs-sum-schools-doc>

This Summer School is targeted to 1st year Ph.D., Master students and for most experienced researchers who want to be updated with the latest advances in the field. The courses will not only cover theoretical and practical materials, but will also provide an opportunity to discuss specific cases with the teachers.

Main objectives of the ISGS Summer School:

- > Extend your knowledge in the field of sol-gel
- > Discuss practical cases with experts in the field
- > Interact with established researchers in a friendly atmosphere
- > Network within your sol-gel society

REGISTRATION

The registration fees include: access to all courses and materials, lunches, coffee-breaks, banquet and, in option, accommodation for 4 nights at the Cité Internationale Universitaire and breakfasts.

| REGISTRATION FEES | | Lodging at CIUP * | | Not lodging at CIUP | |
|-------------------|---------|-------------------|---------|---------------------|---------|
| ISGS member | regular | 1100 € | 1540 \$ | 850 € | 1190 \$ |
| | student | 1000 € | 1400 \$ | 750 € | 1050 \$ |
| Non ISGS member | regular | 1200 € | 1680 \$ | 950 € | 1330 \$ |
| | student | 1100 € | 1540 \$ | 850 € | 1190 \$ |
| Accompanying | | 550 € | 770 \$ | | |

*Housing at CIUP is in double occupancy dormitory rooms with bathroom and kitchen on floor and is available from Sunday July 6 arrival through Thursday July 10 departure.

Booking on a first come first served basis.

Participants who wish to arrive before or stay after these dates must arrange for other lodging or additional night at CIUP on their own.

Online registration on ISGS website - Deadline for registration: 6 June 2014

ISGS SUMMER SCHOOL ORGANIZATION

Geraud Dubois, IBM Almaden Research Center and Stanford University (USA)

Florence Babonneau, CNRS - LCMCP - Université Pierre et Marie Curie and Collège de France (France)

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ISGS WEBSITE

www.isgs.org

EN PARTENARIAT AVEC

