



## 14<sup>th</sup> International Conference on Thermochronology

Chamonix, France, 8-12 September 2014

### First Circular

The 14<sup>th</sup> International Conference on Thermochronology will be held from 8 to 12 September 2014, at the Chamonix Mont-Blanc Congress Center, France. This meeting will be focused on the theory and application of fission-track, noble gas, and other innovative thermochronometric approaches.

The purpose of the conference is to bring together the active international thermochronology community to exchange ideas on the latest developments and discuss important aspects of thermochronology and its modern applications in the Earth and related sciences. The meeting will also include a pre-conference field trip in the Alps and workshops.

A consortium of French thermochronology groups is organizing the conference and will be happy to welcome you in Chamonix. This first circular presents the conference and venue. Full details of the conference and confirmed keynote and invited speakers can be found on the conference website:

<http://www.thermo2014.fr>

[info@thermo2014.fr](mailto:info@thermo2014.fr)

### The International Conferences on Thermochronology

The bi-yearly International Conference on Thermochronology grew out of the international workshops on Fission-Track Thermochronology, which have been held since 1978, and the European workshops on Thermochronology. It is the only forum where thermochronologists can discuss fundamental and methodological issues related to their science and its future.

## Thermo 2014: Program

The 14<sup>th</sup> International Conference on Thermochronology will be focused on the following eight broad themes:

- New analytical developments in noble-gas dating and fission-track analysis
- Diffusion/annealing kinetics and thermal modeling
- Noble-gas diffusion (He, Ne, Ar) applied to thermochronology
- New quantitative tools and approaches in geomorphology
- Thermochronology in active orogenic belts
- Thermochronology applied to georesources
- Thermochronology of sedimentary basins
- Landscape evolution on different timescales

The conference format will be tuned to a restricted number of oral presentations by keynote and invited speakers who are leaders in the field, with extensive discussions. Most non-solicited contributions will be presented as posters. Ample time will be available for the poster sessions and expositions.

We aim to organize a number of round-table discussions during the meeting covering topics such as data reduction and interpretation, laboratory inter-comparison, modeling procedures, standards, databases, etc. Please contact the organizing committee if you have a topic for such a discussion session.

## Conference timetable

Friday 5 – Sunday 7 September: Pre-conference field trip through the Western Alps.

Sunday 7 September: Registration in the Chamonix Mont-Blanc Congress Center followed by an icebreaker

Monday 8 September: Oral presentations, poster session and discussions

Tuesday 9 September: oral presentations, poster session and discussions, followed by a tour of the mountain and mineralogy museum “Espace Terraz” and tasting of local products.

Wednesday 10 September: One-day field trip in the Mont-Blanc massif (transport by cable car, rack-and-pinion railway, hiking).

Thursday 11 September: oral presentations, poster session and discussions, followed by the conference banquet and award ceremony.

Friday 12 September: oral presentations, poster session and discussions.

Saturday 13 – Sunday 14 September: Short courses on low-temperature thermochronology and modeling.

## Venue

The conference will take place in the Chamonix Mont-Blanc Congress Center. Chamonix is a popular resort town at the foot of Mont Blanc, with a wide range of accommodation options, from youth hostels to 5-star hotels. It is a very popular destination both in winter and summer as it offers countless opportunities for skiing, mountaineering, adventure sports or just relaxing.

There will be accommodation in different classes of hotels at negotiated prices, which you will be able to reserve via the conference web site.

The closest international airport for Chamonix (at 85 km distance) is Geneva, with direct international connections to most European countries, USA/Canada, the Middle East and China. We will organize a shuttle-bus service from Geneva airport to the Congress Center on Sunday 7 September, with a return on Friday 12 / Saturday 13 September. A commercial shuttle bus service also exists. Other international airports that you can use are Lyon or Milano.

Direct fast trains (TGV) run from Paris to Saint-Gervais-les-Bains, 20 km from Chamonix, with a slow-but-scenic (45 min.) mountain-train connection between the two sites.

Our logistical partner Floralis Evènements will set up a service for those requiring visas.

More details on Chamonix and how to get there can be found on the conference website.

#### **Pre-registration**

To receive the 2<sup>nd</sup> circular, call for abstracts and other important information concerning the conference directly in your mailbox, please express your interest in the conference through the pre-registration form on the conference website. Pre-registration is free and does not involve an obligation to register for the conference.

Conference registration will be opened in Spring 2014. Registration fees will be communicated at that time.

#### **Organizing Committee:**

- Jocelyn Barbarand, Université Paris Sud, Orsay
- Matthias Bernet, Université Joseph Fourier, Grenoble
- Stéphanie Brichau, Université Paul Sabatier, Toulouse
- Kerry Gallagher, Université de Rennes 1
- Cécile Gautheron, Université Paris Sud, Orsay
- Raphael Pik, Centre de Recherches Pétrographiques et Géochimiques, Nancy
- Peter van der Beek, Université Joseph Fourier, Grenoble

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