



EUROpean Intensive Seminars of PETrology

### Second Seminar

## "Isotopes applied to petrological problems"

The Australian National University, Canberra (Australia),

February 1-10, 2008

### Deadline for application: October 22, 2007

We invite applications from PhD students (Master students and post-docs will be considered if places are not filled by PhD) to the second EURISPET Seminar on "Isotopes applied to petrological problems". EURISPET is a Marie Curie "Series of Events" funded by the European Commission through the Sixth Framework Programme.

**Period:** February 1<sup>st</sup> (arrival) – February 10, 2008 (departure).

**Venue:** Research School of Earth Sciences, The Australian National University, Canberra (Australia) (<http://rses.anu.edu.au/>; <http://online.anu.edu.au/>)

**Participants:** The School is limited to 35 participants supported by the EC (30 Early Stage Researchers – up to 4 years research activity including PhD –, and 5 Experienced Researchers – up to 10 years research experience –), with the possibility of other 5 participants attending on a self-funded basis. The participants may come from any country worldwide, but a few conditions exist to be eligible (see "eligibility" on <http://www.eurispet.eu>). In addition, selection of participants will consider criteria of gender balance, regional balance, quality of past research, student status (with preference for PhD, post-doc), knowledge of English.

**Program:** The School will consist of:

- One day for student presentations to enable participants to present and discuss their own research
- 4 days of formal lectures with world-known experts
- One day of practical sessions in the laboratory (ion microprobe, MC-ICPMS, chemical labs and TIMS)
- Two days of excursion to the Cooma contact aureole and the granites of the South Coast.
- One day on the European research area and its collaboration with extra-European countries such as Australia.

A detailed program can be consulted at <http://www.eurispet.eu>.

**Topics** covered in the Seminar will include: Introduction to isotopic systems, isotopic tracers, stable isotopes in granulites and high-pressure rocks, Pb-Pb in basalts, Hf isotopic evolution in mantle and crust, introduction to U-Pb geochronology and its application to high grade rocks, U-Pb and Hf isotopes in zircon to trace crustal growth, geochronology by Sm-Nd and Lu-Hf and its application to high grade rocks, geochronology by Ar-Ar and applications to tectonics.

#### Preliminary list of lecturers:

Yuri Amelin (Canberra, Australia), Robert Anczkiewicz (Krakow, Poland), Vickie Bennett (Canberra, Australia), Ian Buick (Canberra, Australia), Vincent Busigny (IPG-Paris, France), Chris Carson (Geoscience Australia, Canberra), Catherine Chauvel (Grenoble, France), Mike Cosca (Lausanne, Switzerland), Marnie Forster (Canberra, Australia), William Griffin (Sydney, Australia), Trevor Ireland (Canberra, Australia), Bruce Schafer (Melbourne, Australia), Daniela Rubatto (Canberra, Australia), Ian Williams (Canberra, Australia),

**Fees:** Accepted eligible participants will be fully funded by EC (registration fee, travel, accommodation and meals, up to the limits defined by EC) through the Marie Curie scheme. However, a deposit of 300 Euro will be asked to each accepted participant and refunded upon arrival to the Seminar. Costs for individuals (maximum 5) attending on a self-funded basis is transport, 300 Euro (registration) and 750 Euro (accommodation and meals).

#### Important Deadlines:

**22 October 2007:** Deadline for application, by email to [secretary@eurispet.eu](mailto:secretary@eurispet.eu), filling the form that can be downloaded at: <http://www.eurispet.eu>.

**5 November 2007:** Notification of accepted applications.

**15 December:** Circular with final program and technical details.

#### **Organising Committee**

Bernardo Cesare (Università di Padova, Italy),  
Gaston Godard (Institut de Physique du Globe de Paris, France),  
Pascal Philippot (Institut de Physique du Globe de Paris, France),  
Daniela Rubatto (The Australian National University, Canberra, Australia),  
Csaba Szabo (Eotvos University, Budapest, Hungary),  
Maria Teresa Gómez-Pugnaire (Universidad de Granada, Spain),  
Peter Ulmer (Swiss Federal Institute of Technology, Zurich, Switzerland).

#### **Contact Persons**

##### **Bernardo Cesare**

EURISPET Coordinator  
Dipartimento di Geoscienze, Università di Padova  
Corso Garibaldi, 37, I-35137 Padova, ITALY  
Tel: ++39-49-8272019 Fax: ++39-498272010  
Email [secretary@eurispet.eu](mailto:secretary@eurispet.eu)

##### **Daniela Rubatto**

Research School of Earth Sciences  
The Australian National University  
Mills Road, Bld. 61, Canberra 0200 ACT, AUSTRALIA  
Tel. ++61 2 6125 5157, Fax. ++61 2 6125 8345  
Email: [Daniela.Rubatto@anu.edu.au](mailto:Daniela.Rubatto@anu.edu.au)