



EUROPEAN INTENSIVE SEMINARS OF PETROLOGY

CALL FOR APPLICATIONS

We invite applications from PhD students to the fourth EURISPET seminars on:
High-pressure Metamorphism and Subduction Zones
to be held in Granada (Spain), June 27th – July 5th, 2009

LECTURERS (a detailed program will be posted at <http://www.eurispet.eu>):

Richard ARCULUS (RSES-ANU, Canberra); Gray BEBOUT (Lehigh University); Roberto COMPAGNONI (University of Turin); Larissa DOBRZHINETSAYA (University of California); Patrizia FUMAGALLI (University of Milan); Antonio GARCIA-CASCO (University of Granada); Carlos J. GARRIDO (IACT-CSIC, Granada); Taras GERYA (ETH, Zürich); Jörg HERMANN (RSES-ANU); Horst MARSCHALL (University of Bristol); Shun-Ichiro KARATO (Yale University); Serge LALLEMAND (Géosciences Montpellier); Vicente LÓPEZ-SÁNCHEZ VIZCAINO (University of Jaén); Craig MANNING (University of California); Fabrizio NESTOLA (University of Padua); César RANERO (ICREA at CSIC, Barcelona); Daniela RUBATTO (RSES-ANU); Marco SCAMBELLURI (University of Genova); Andrea TOMMASI (Géosciences Montpellier); Peter ULMER (ETH, Zürich).

TOPICS COVERED: Subduction magmatism and continental crustal growth; Metamorphic records of subduction-zone devolatilization; Experimental constraints on subduction-related magmatism; Subduction-zone geochemical mixing in fluids and melange; High and ultrahigh-pressure rocks: occurrences and microstructures; Numerical models of Exhumation of high and ultra-high pressure rocks; Experimental constraints on trace element recycling in subduction zones; Tracers of the slab: radiogenic and Li isotopes; Rheology of subduction zone: experimental constraints; Slab-Mantle interactions and subduction zones dynamics; High pressure ultramafic rocks: natural occurrences and phase relationships; The effect of water on the crystallography of high-pressure minerals; Hydration of incoming oceanic plates and dehydration of slabs; Implications for intraslab seismicity and arc volcanism.; Geochronology of HP and UHP rocks and inferences on the rates of subduction and exhumation processes; Seismic anisotropy and mineral LPO of subduction zones.

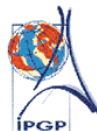
VENUE: Faculty of Sciences, University of Granada, Granada, Spain.

ELIGIBLE 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, if not covered, Master student—, less than 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 be on any nationality, but a few conditions exist to be eligible (see <http://www.eurispet.eu>). Selection of participants will consider gender balance, regional balance, research record, and knowledge of English.

PROGRAM AND FIELD TRIPS: The School will consist of one day for student presentations, five days of lectures, one day of practical sessions in the laboratory, and three days for field trips to high-pressure, prograde peridotite and serpentinites from **Cerro del Almiraz** (Sierra Nevada), and the **Ronda Peridotite**.

APPLICATIONS: Application, by email to secretary@eurispet.eu, filling the form that can be downloaded at: <http://www.eurispet.eu>.

FEES: Accepted eligible participants will be fully funded by the European Commission (registration fee, travel, accommodation and meals, up to the limits defined by EC)





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through the FP6- Marie Curie scheme. Costs for individuals (maximum 5) attending on a self-funded basis is transport, registration (300 Euro) and accommodation and meals (750 Euro).

IMPORTANT DEADLINES

- 14 March 2009: Deadline for application
 31 March 2009: Notification of accepted applications.
 30 April 2009: Circular with final program and technical details.

CONTACT PERSONS	ORGANIZING COMMITTEE	
	EURISPET GRANADA 2009	EURISPET Consortium
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