



MEREMA 2nd Edition

International School on Mantle Dynamics

30th March – 2nd April 2020, Sestri Levante (Italy)

The National Association of Petrologists (GNP) of SIMP (Italian Society of Mineralogy and Petrology), in collaboration with the PhD programs of the Universities of Pavia, Ferrara, Genova, Milano, Modena-Reggio Emilia and Torino is organizing an International School on Mantle Dynamics (MEREMA 2nd Edition), following the successful MEREMA Winter School 2017. The school will be held in Sestri Levante at the wonderful **Hotel Vis à Vis** (<https://www.hotelvisavis.com>), situated along the Ligurian coast (Italy) at approximately 40 km east of Genova and close to the famous "Cinque Terre".

The **MEREMA 2nd Edition** is an **EMU School** aimed to assess the present state of knowledge on the structure, chemical differentiation and dynamics of the mantle as a whole system, acquiring information from different disciplines, mainly petrology and geophysics.

Major themes of the school will be:

- ✓ chemical evolution and dynamics of the Earth's mantle
- ✓ origin and length scale of chemical and isotopic mantle heterogeneities
- ✓ transfer of heterogeneities from mantle sources to melts

The school is open to graduate and PhD students, post-docs and young researchers in Earth Sciences. The program will include **poster sessions**, to give the opportunity to participants to present their research work.

Lecturers:

- **Prof. Denis Andrault** – Observatoire de Physique du Globe de Clermont-Ferrand (France)
- **Prof. Guillaume Caro** – Centre de Recherches Pétrographiques et Géochimiques (CRPG), Université de Lorraine (France)
- **Prof. Cinzia Farnetani** – Institut de Physique du Globe de Paris (France)
- **Prof. Marguerite Godard** – Géosciences Montpellier, CNRS, Université de Montpellier (France)
- **Prof. Michel Gregoire** – Géosciences Environnement Toulouse (GET-CNRS, CNES, IRS, Université Paul Sabatier), Observatoire Midi-Pyrénées (France)
- **Prof. Albrecht W. Hofmann** – Max Planck Institut für Chemie, Mainz (Germany)
- **Prof. Richard Katz** – University of Oxford (United Kingdom)
- **Prof. Sarah Lambart** – University of Utah (USA)
- **Prof. William McDonough** – University of Maryland (USA)
- **Prof. Yanick Ricard** – Université de Lyon, UCBL, ENSL, CNRS, LGL-TPE (France)
- **Prof. Barbara Romanowicz** – University of California, Berkeley (USA), Collège de France
- **Prof. Andreas Stracke** – Westfälische Wilhelms - Universität Münster (Germany)

Organizing and Scientific Committee:

Daniele Castelli (Torino University), President GNP; Elisabetta Rampone (Genova University), Vice-President GNP; Costanza Bonadiman (Ferrara University); Cinzia Farnetani (IPGP, Paris); Patrizia Fumagalli (Milano University); Albrecht Hofmann (MPI, Mainz, Germany); Nadia Malaspina (Milano-Bicocca University), Secretary GNP; Alessandra Montanini (Parma University); Maurizio Mazzucchelli (Modena e Reggio Emilia University); Andreas Stracke (Münster University, Germany); Riccardo Tribuzio (Pavia University); Alberto Zanetti (IGG-CNR, Pavia).

The **maximum number of participants is 50**. Selection of applicants will be made on the basis of their research topic and CV. After the pre-registration deadline (15th October 2019) selected applicants will receive an email of acceptance, in order to proceed with payment of the registration fee.

Graduate and PhD students, post-docs and young researchers interested in applying for the School should send an email to gnp-@unife.it by **October 15th 2019**, providing the following information:

- Name and Family Name
- Institution
- Title and/or brief description of own research to be presented in a poster (max 300 words)
- PDF version of a CV (max 1 page, A4).
- Preferred accommodation (double or triple room) and eventual favoured roommate

Registration fees will be as follows:

For SIMP members:

- 345 Euros in triple room
- 445 Euros in double room

For non SIMP members:

Participants must be SIMP members for 2020. The membership due (25€ for under 35 years jr members; 50€ for regular members) is separate from the registration fee.

The registration fee includes full board at the Hotel Vis a Vis, from the overnight of Sunday 29th March 2020 to breakfast of Friday 3rd 2020. The dinner of Sunday 29th is not included.

Deadline for payment of the registration fee will be **December 31st 2019**.

Both SIMP membership and Registration fees can be paid on SIMP website (www.socminpet.it)

Visit our **website** (<http://www.socminpet.it/Merema/>) for more info about the school program, registration and venue.

Contact us at gnp-@unife.it or at betta@dipteris.unige.it (contact person: Elisabetta Rampone)