



Mid-term Review Meeting & 2nd CREEP Workshop
Sala Capizucchi, Roma, 13-16 February 2017
Program

Mid-term Review Meeting - Monday 13 February 2017

9:00 – 9:15 **Introduction** by Giuliana DONINI - REA Project Officer, Francisca Martinez-Ruiz - External expert, and Andrea TOMMASI - CREEP coordinator

9:15 – 10:00 **Tour de Table** - Brief presentation of the teams by the Scientist-in-charge of each institution

10:00 - 10:45 **Coordinator Report** by Andrea TOMMASI (on scientific, training, networking and management aspects of programme)

10:45 – 11:00 Coffee Break

11:00 – 12:45 **Fellows Presentations** - Each fellow will present her/himself in 5 minutes (background, work, training experience, expectations on future career)

12:45 – 14:00 Lunch (in a neighboring restaurant)

14:00 - 15:30 **Meeting between the Fellows, the REA representative and the Expert**

15:30-16:00 **Restricted meeting** between the Project Officer, the coordinator, the Project Manager, and the scientists-in-charge of all institutions on financial issues and reporting

16:00 – 18:00 **Poster session** by ESRs with Coffee Break

18:00-19:00 - **Feedback and open discussion**: Feedback from the REA Project Officer and the External Expert and discussion on the output of the Network so far, on possible training areas for future exploitation or the impact on the fellows' future careers development

20:30 **Group Dinner at Osteria La Quercia** (www.osterialaquercia.com)



2nd CREEP Workshop
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Tuesday 14 February 2017

Morning : Poster session – each block starts by 2-minute PICO-like presentations
Poster boards are Portrait format (2 m high x 1m wide)

8:45-10:00 - **Experimental characterization and natural observations of complex rheologies** (M. Thieme, W. Zhou (HP), A. Kaetker, G. Pozzi, L. Ding, G. Meyer, M. Clément)

10:00-10:45 - **Laboratory modeling of complex rheologies** (E. Van Rijsingen, G. Gerardi, A. Sibrant, S. Brizzi, F. Corbi)

Coffee break served during this discussion block, just after the presentations

10:45-12:15 - **Numerical modeling of complex rheologies** (L. Mameri, A. Schierjott, S. Preuss, B. Martinez, A. Salvador, G. Reuber, A. Kiraly)

12:15-13:00 - **Seismological investigations of deformation and rheology** (A. Pisconti, P. Prasse, T. Loriaux, M. Saki)

13:00 – 14:30 - Lunch (in a neighboring restaurant)

14:30-15:30 - Keynote talk: Effective friction laws for large-scale earthquake modeling: bridging the gap from laboratory to natural scales. Jean Paul (Pablo) Ampuero (Caltech, USA)

15:30-16:30 – Keynote talk: Feedbacks between deformation, grain sizes, and rheology. Yanick Ricard (ENS Lyon, FR)

16:30- 17:00 - Discussion session between Keynotes & PhDs + postdocs at Coffee break (requested by ESRs)

17:00 – 19:00 – Discussion session on how to manage the PhD or work in research in general

This session is still in preparation. The CREEP ESRs are preparing a list of points they would like to discuss and we will work together on the format.



Wednesday 15 February 2017

9:00 – 12:00 - Simultaneous discussion sessions on :

- 1) Rheology of the mantle: which role play phase transitions, microstructures, anisotropy and grain size? And how does this rheology change from lithospheric to lowermost mantle?
- 2) Fault rheology on a microscale vs faulting
- 3) Plate tectonics and earthquake nucleation (how can we translate rheological processes on a small scale towards the plate-boundary scale, like subduction thrust faults, transform faults?)

12:30 – 14:00 - Lunch (in a neighboring restaurant)

14:00 – 16:00: Earthquake-Society talks and discussion - 3 talks, each of 30 min + 30 min of general discussion

- 1) The 2016 Amatrice-Norcia (Central Italy) seismic sequence: overview and lessons learned - A. Amato
- 2) Data and Services for solid Earth Science: Open Science and Ethics Issues - M. Cocco
- 3) Seismic Risk associated with Natural and Anthropogenic Hazard - Warner Marzocchi

16:00 – Coffee break

16:30 – 18:30 - ESRs + other PhDs & postdocs : Preparation of the restitution of the discussions for presentation to other groups

16:30 – 17:30 – CREEP Supervisory Board Meeting

Thursday 16 February 2017

9:00 – 11:30 - Restitution of the discussion sessions (20 minutes each group) and general discussion

11:30 – 11:40 Coffee Break

11:40 – 12:40 - Presentation on the Geology of Rome + "do it by yourself" geological guide
Francesca Cifelli and Francesca Funicello

14:30 – 16:00 (optional) – CREEP ESRs: Feedback on presentations skills by looking at the movies of the presentations of the Mid Term Review - Sala Capizucchi