

US-France Workshop

Mean-stress dependent materials Recent advances and applications to natural risks

Aussois (France)
22-24 May 2013

All solid materials whose mechanical behaviour depends on mean-stress level are concerned (geomaterials, porous media, some metals and composites...). In this field, experimental, theoretical and numerical aspects are of interest. The applications concern natural media and risks.

Chairmen:

- François Nicot (IRSTEA)
- Bruno Chareyre (Grenoble INP)
- Frédéric Dufour (Grenoble INP)
- Félix Darve (Grenoble INP)

Previous events:

- 2007: University of Florida - REEF
- 2008: DGA, Rocamadour
- 2009: University of Florida - REEF
- 2010: Paris XIII-CNRS, Institut Henri Poincaré
- 2011: IUTAM Symporium, Florida
- 2012: Rutgers University, New York

General schedule

Wednesday 22nd May
Physics & mechanics of mean-stress
dependent materials

Thursday 23rd May
Mathematical & numerical modelling
of mean-stress dependent materials

Friday 24th May
Applications to natural media & risks

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For more information:

- **Technical questions:** icacm2013@indura.fr
- **Workshop website:** www.indura.fr/icacm-2013
- **Aussois website:** www.caes.cnrs.fr/vacances/nos-villages/centre-paul-langevin

Jointly proposed by ICACM (International Center for Applied Computational Mechanics) and INDURA (Infrastructures Durables Rhône-Alpes)

Invited speakers

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