

CONFERENCE TOPICS AND THEMES

Powders & Grains 2017 will feature the highest quality of research presentations addressing the relevance of granular materials research from strong fundamental scientific problems to contemporary issues in various areas, including:

- Contemporary issues (texture, jamming, shape effects...)
- Rheology and constitutive modeling
- Powder processing, food science, pharmaceuticals
- Geomaterials (soils, rocks, concrete)
- Geological and environmental granular processes
- Particle properties
- Multiphase granular materials (suspensions...)
- Particle-based methods

KEYNOTE SPEAKERS

Malcolm Bolton UK, University of Cambridge

Geo-phenomena: finding the granular mechanism

Karen Daniels USA, North Carolina State University

The Role of Force Networks in Granular Materials

Elisabeth Guazzelli France, Aix-Marseille University

Rheology of dense suspensions of noncolloidal particles

Ken Kamrin USA, Massachusetts Institute of Technology

Continuum modeling and continuum-level numerical simulation of granular flows

Jim Jenkins USA, Cornell University

Dense, Collisional, Shearing Flows

Takashi Matsushima Japan, University of Tsukuba

The granular processes in planetary surfaces

Vanessa Magnanimo Netherlands, University of Twente

Micromechanics of complex soils

Thorsten Poeschel Germany, Universität Erlangen-Nürnberg

History and Structure of Granular Packings

Roland Pellenq USA, Massachusetts Institute of Technology

Clays and cement under the nanoscope

Matthias Schroeter Germany, Max Planck Institute

A local view on the role of shape and friction

Matthieu Wyart Switzerland, Ecole Polytechnique Fédérale de

Lausanne

Unifying Suspension and Granular flows near Jamming

Runyu Yang Australia, University of New South Wales

DEM investigation of strength of powder compacts

Iker Zuriguel Spain, Universidad de Navarra

Flow and clogging of grains in confined geometries

CALL FOR PAPERS

The official language of the conference is English. Participants are required to submit abstracts through the conference website www.pg2017.org. Authors of accepted abstracts will be invited by the Scientific Committee to submit full papers from August 1st 2016 to October 28, 2016. The conference proceedings will be published as ISI-referenced online papers before the conference. To follow conference news and updates, please subscribe to the mailing list of the conference at the following address:

www2.msm.ctw.utwente.nl/msm_www/AEMMG

IMPORTANT DATES

5 June 2016

Abstract submission

31 July 2016

Notification of acceptance and request for full papers for peer review

28 October 2016

Deadline for full paper submission

6 January 2017

Reviewers reports available

10 February 2017

Paper re-submission for online publication

17 March 2017

Notification of acceptance of final paper

REGISTRATION

	STANDARD before April 1st, 2017	LATE after April 1st, 2017	ON-SITE after June 25, 2017
Full	500€	650€	750€
Student	430€	530€	630€

The University of Montpellier offers a number of student rooms available during the conference. The price is 210€ for 6 nights (from 2 to 8 July) including breakfast. Requests for these rooms can be made through the registration page only.

VENUE

The conference will be held in Montpellier at the Corum conference center (The Corum-Esplanade Charles De Gaulle BP 2220 - 34000 Montpellier). Montpellier is a central place in the south of France to which belong important sites of the UNESCO world heritage. It is located in 15' tramway from the Mediterranean sea, 150 km from Marseille and 350 km from Monaco (East), 350 km from Barcelona (South-West), and 250 km from Toulouse (West). Montpellier is the 8th largest and the fastest growing city in France. It has 300 days of sunshine a year on average. According to the New York Times, Montpellier was unique French city within 45 destinations to go in 2012.



LOCAL ORGANIZING COMMITTEE

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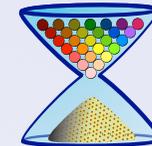
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Powders & Grains
Since 1989

8th

POWDERS AND GRAINS 2017

The 8th International Conference on the
Micromechanics of Granular Media

3-7 July 2017, Montpellier, France

Powders & Grains 2017 will be held in Montpellier (South of France) on 3-7 July 2017. The aim of the conference is to give an up-to-date picture of the broad research field of granular media. Contributions from experts around the world will cover a wide range of hot research topics.

Powders & Grains is an international scientific conference held every four years that brings together both physicists and engineers interested in the physics and micro-mechanics of granular media. It distinguishes itself from other meetings on granular materials (i) by the mixture of disciplines, (ii) by a refereed conference papers ready at the conference and online available, and (iii) by its unique single-session concept.

Previous meetings: Clermont-Ferrand, France (1989), Birmingham - UK (1993), Durham - USA (1997), Sendai - Japan (2001), Stuttgart - Germany (2005), Golden - USA (2009), Sydney - Australia (2013).

WEBSITE

www.pg2017.org

