

Dear Colleagues,

We have the pleasure to announce the special session "**Acoustics of ordered and disordered granular structures**" at the next *International Congress on Ultrasonics* (ICU 2011) which will take place at the University of Gdansk in Poland, from September 5 to September 8, 2011.

The main goals of this special session are:

1. To bring together people involved or interested in researches related to linear and nonlinear elastic behaviors, contact dynamics and wave phenomena in confined or not, weakly or non cohesive, granular media.
2. To share knowledge about the processes occurring from the contact scale to the scale of the granular sample itself.
3. To share interests and potential applications of waves as probes for granular processes (jamming transition, compaction, avalanche detection...) between communities of Acoustics, Mechanics, Physics, Geophysics...
4. To share interests and potential applications of wave control by phononic granular materials, with the communities of metamaterials, photonic-phononic nano-materials.

We invite you to submit abstracts accordingly on the congress website: <http://icu2011.ug.edu.pl/ocs233-1/index.php/icu/icu2011>

We would be pleased if you keep us updated by email of your abstract submission to this special session.

Important dates are the following:

Author registration opened - November 27, 2010

Author registration closed - April 16, 2011

Submission deadline - April 16, 2011

Looking forward to meet you in Gdansk,

Vincent TOURNAT, Vitalyi GUSEV and Stéphane JOB
Session organizers

Researcher at CNRS
Laboratoire d'Acoustique de l'Université du Maine
UMR-CNRS 6613
Université du Maine
Av. Olivier Messiaen
72085 Le Mans cedex 9
France

Tel. (direct line): + 33 2 43 83 36 24

Lab website: <http://laum.univ-lemans.fr>

Research group: <http://laum.univ-lemans.fr/spip/spip.php?rubrique79&lang=en>

Personal webpage : <http://www.univ-lemans.fr/~vtournat>