



WCPT9-JE

Thermomechanical Behaviour of Granular Materials

As part of WCPT9 this themed Event on “Thermomechanical behaviour of granular materials” will be organised jointly with MATHEGRAM, an EU H2020 funded consortium.

Granular materials, such as soils, agricultural seeds, metallic and ceramic powders, and pharmaceutical powders, are common in nature and have many industrial applications. They possess unique physical properties and a complicated flow behaviour. The main goals of this themed Joint Event lie in the exchange of knowledge and networking of researchers and projects to improve the understanding of thermomechanical behaviour of granular materials. This JE welcomes contributions on the following research topics:

- Heat generation
- Heat transfer
- Thermal effects on materials properties and process performance
- Powder processes at non-ambient temperatures, e.g. additive manufacturing, Powder coating, fluidisation and sintering.

Organisers:



Prof. Charley Wu
Department of Chemical and Process Engineering
University of Surrey, UK



Dr. Colin Hare
School of Engineering
University of Newcastle, UK



Dr. Stefan Radl
Institute of Process and Particle Engineering,
Graz University of Technology, Austria

Further information can be found at: www.wcpt9.org

You are welcome to submit your abstract for this WCPT9-JE through the submission platform selecting the tab:

[Joint Events/Thermomechanical behaviour of granular materials \(MATHEGRAM\)](#)

The deadline for abstract submission is 2nd May.