

# The Royal Society of Edinburgh

## Royal Society of Edinburgh Conference: Structures and Granular Solids: from Scientific Principles to Engineering Applications 30th June – 2nd July 2008

Thankyou for agreeing to submit a poster for the conference poster competition. Judging for the poster competition will take place during the conference by senior members of the organising committee and selected speakers. The winner will be announced at the conference and given their prizes. Posters will be on display at the RSE throughout the duration of the conference in Wellcome West where delegates will be taking their refreshment breaks. There will be an opportunity to speak to the judges about your poster during selected coffee breaks. You will be advised when you can meet the judges at registration on the first day of the conference. If you don't wish to speak to the judges please let me know.

In terms of the practicalities of submitting a poster you are asked to ensure that in terms of size and layout your poster conforms to the following: You will be provided with a display board to display an A0 size poster in portrait orientation. If producing A0 size is problematic for you, you can produce smaller sheets as long as they can all fit into an A0 display area. Adhesive velcro pads will be provided for attaching the posters. Your poster must include a title heading at the top using 24 pt fonts or larger. This will include the poster title, the names and affiliations of the authors and the sponsor or funding body if any.

Please post your poster to the conference organiser: **Ms Susan Walker, Events Officer, The Royal Society of Edinburgh, 22 26 George Street, Edinburgh, EH2 2PQ.** Please ensure that the tube is marked clearly with the name of the conference. Alternatively you can drop off posters at the RSE in person. All posters should be at the RSE no later than **Friday 27 June 2008.**

All posters should be collected from the RSE on **Wednesday 2 July 2008** ideally after the last coffee break of the day. The RSE cannot be responsible for posting posters back to delegates and does not have any storage facilities. Therefore, any posters that not have not been collected will be disposed of.

Finally, please check the enclosed list of poster displays and check that we have your correct details please check:

Your name

Institution

Poster Title if you have not submitted a title yet please do so

If any of the details are incorrect please contact Susan Walker on 0131 240 5028 or via [swalker@royalsoced.org.uk](mailto:swalker@royalsoced.org.uk) by **Thursday 12 June.**

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## **International Conference on Structures and Granular Solids from Scientific Principles to Engineering Applications**

### **Poster Displays**

1. Mr Jun Ai, University of Edinburgh, Scotland – Numerical and Experimental Investigation of Sandpiles
2. Miss Paula Alamar, Cemitec, Spain - The effect of Anistropy in the Jamming of Silos
3. Mr Mustifa Batikha, University of Edinburgh, Scotland – Nicestopy: FRP vs Cylinder Buckling
4. Mr Lei Chen, University of Edinburgh, Scotland – The stability of Imperfection – Sensitive Shell Structures
5. Mr Andrew Cowell, Glasgow Caledonian University , Scotland – The Measurement of Forces in Pneumatic Conveying Systems
6. Mr Ben Edmans (with Dr Marcus Wheel), University of Strathclyde, Scotland – Are Cellular Automota Suitable for Stimulating Granular Material Flow?
7. Dr Richard Goodey, City University, England – Granular Solids at Low Pressures
8. Mr Johannes Hartl, University of Edinburgh, Scotland – Numerical and Experimental Investigation of Direct Shear Tests
9. Mr Mical Johnstone, University of Edinburgh, Scotland – Calibration of Dem Models using Bulk Tests
10. Miss Xiaoqin Li, University of Edinburgh, Scotland – Blast Resistance of FRP Retrofitted Structures
11. Ms Ying Liu, University of Edinburgh, Scotland – A numerical Study of Oil Tank under Thermal Load
12. Mr Adam Jan Sadowski, University of Edinburgh , Scotland – Eccentric Discharge of Granular Solids from Silos
13. Mr Chris Standing, University of Surrey , England – TBC
14. Dr Harald Teufelsbaeur, University of Natural Resources and Applied Life Sciences, Austria– TBC
15. Mr Yi Tao, University of Edinburgh , Scotland – Behaviour of a Two-Span Masonry Arch repaired with FRP
16. Dr Wesley Vanlaere, Ghent University, Belgium – Stiffening Cylindrical Shells on Local Supports
17. Dr Zhenjun Yang, University of Liverpool – Meso-scale Modelling of Discrete Cohesive Fracture in Random Heterogeneous Quasi-brittle Materials
18. Ms Yingna Zheng, Glasgow Caledonian University , Scotland – An Investigation of Heat Transfer Mechanism in Mass Flow Rate Measurement of Solids for Pneumatic Converging Pipeline
19. Mr Chong Zhou, University of Edinburgh , Scotland – Influence of Packing Structure on Granular Materials