

## NEWS from Technical Committee TC104 on Physical Modeling in Geotechnics

Chair: Prof. Christophe Gaudin, University of Western Australia  
Vice-Chair: Prof. Andy Take, Queen's University, Canada  
Secretary: Prof. Dave White, University of Western Australia

### Workshop and conferences

- Two special Physical Modelling sessions entitled "Roles and influences of physical modeling on state of the art and practice of geotechnical engineering" and "Roles and influences of physical modeling on state of the art and practice of geotechnical earthquake engineering" were held during GeoCongress 2012. The second session was co-sponsored with the ISSMGE TC203 on Earthquake Geotechnical Engineering.
- The 2nd quadrennial European Symposium on Centrifuge Modeling, Eurofuge 2012 was organized by Deltares in Delft (Netherlands) on 23-24 April 2012.
- The 1st quadrennial Asian Symposium on Centrifuge Modeling, Asiafuge 2012 Asiafuge will be organized by IT Bombay, India on 14-16 November 2012.
- The 8th quadrennial International Conference on Physical Modelling in Geotechnics, ICPMG2014, will be hosted by the Centre for Offshore Foundation Systems at the University of Western Australia, Perth, on 14-17 January 2014.



### Communication and dissemination

- The 1st Andrew Schofield Lecture has been awarded to Prof. Malcolm Bolton, Cambridge University, in recognition of his outstanding contribution to the field of physical modeling in geotechnics. The Lecture will be presented for the first time at the 18th ICSMGE in Paris in September 2013.
- The new version of our TC104 website is now available online (<http://www.tc104.group.shef.ac.uk/>). The website aims at being a portal for all physical modellers to exchange knowledge and information. In its current form, it presents our term of references and the activities to be developed for the current term, provides contact details for the global network of TC104 members, and a list of experimental facilities worldwide.
- A wikipage about Andrew Schofield, following the establishment of the Schofield Lecture, has been created ([http://en.wikipedia.org/wiki/Andrew\\_N.\\_Schofield](http://en.wikipedia.org/wiki/Andrew_N._Schofield)). More wiki materials are programmed for the next couple of years.
- An update of the 2007 Scaling Law catalogue, describing similitude principle and scaling relationships in geotechnical physical modeling is in preparation and will be presented at the 8th ICPMG held in Perth in January 2014.
- An industry portfolio describing the industrial application of physical modelling in geotechnics is in preparation and will be presented at the 8th ICPMG held in Perth in January 2014. The portfolio aims at showcasing physical modelling to our industry partners and at helping increase their awareness about physical modelling capabilities and benefits.