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The physical modelling community within geotechnical engineering pools a different type of specialist expertise. The TC104 activity focuses on the technology and principles that allow physical modelling facilities to flourish and provide capabilities that can be applied across all geotechnical topics.

### **Technical Committee 104 Physical Modelling in Geotechnics**

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Professor Gaudin has a vast experience on geotechnical physical modelling, serving on the editorial board of the International Journal of Physical Modelling in Geotechnics, and as core member since 2006 and Chairman since 2010 of the ISSMGE's Technical Committee on Geotechnical Physical Modelling.

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Physical modelling in Geotechnical Earthquake Engineering – 2: Session Report 2 Gopal Madabhushi Professor of Civil Engineering & Director, Schofield Centre, University of Cambridge, UK 1 Introduction Centrifuge modelling has played an important role in investigating a wide variety of geotechnical earthquake engineering problems.

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### **ICPMG2014 “ Physical Modelling in - CRC Press**

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Geotechnical centrifuge modeling is a technique for testing physical scale models of Geotechnical Engineering systems such as natural and man-made slopes and earth retaining structures and building or bridge foundations.

### **Geotechnical centrifuge modeling - Wikipedia**

Physical Modelling in Geotechnics will be of interest to professionals, engineers and academics interested or involved in geotechnics, geotechnical engineering and related areas.

### **Physical Modelling in Geotechnics, Volume 1 by Andrew**

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Assuming a familiarity with basic soil mechanics and traditional methods of geotechnical design, this book is a valuable tool for students of geotechnical and structural and civil engineering as well as also being useful to practising engineers involved in the specification of numerical or physical geotechnical modelling.

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## **Modélisation physique de fondations et d'ouvrages**

2002 Schofield Award (International Journal of Physical Modelling in Geotechnics) 2006 George Stephenson Medal (Institution of Civil Engineers) 2006 Jennings Award (The South African Institution of Civil Engineers) ... 15. H. Ji (2008) Physical modeling of jet grouting processes 16. K. Gafar (2008) Compensation Grouting in Sand 17.

## **KENICHI SOGA Effective date 07/2019 - ce.berkeley.edu**

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## **Physical Modelling in Geotechnics, Two | WHSmith Books**

Foundations Stay Tuned. Page is Under Construction. Transparent Soils have been used to investigate a wide range of foundations including, shallow footings, piling, helical anchors and other types of specialized piles. ... International Journal of Physical Modelling in Geotechnics, January, pp. 1-19 ; Wang, D., Hu, Y., and Randolph, M. (2011), ...

## **Foundations - Web Publishing**

centrifuge: Modelling and physical data, Int. Symp. On Physical Modelling and Testing in Environmental Geotechnics, La Boule, France, 15-17 May 2000, 309-316, 2000.

## **Curriculum Vitae - engineering.columbia.edu**

Pubs. by Others. Selected key publications dealing with transparent soils from other research groups are presented here for convenience. If you wish to be included in this list, please send a copy of your paper to Professor Iskander. ... Internation Journal of Physical Modelling in Geotechnics, DOI: 10.1680/jphmg.15.00056 ; University of ...

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Modelling in Geotechnics - Script Part 1 Prof. Sarah Springman In cooperation with Dr. Jan Laue & Dr. Jitendra Sharma <http://igtcal.ethz.ch/mig> ETH Zürich Modelling

### **Modelling in Geotechnics - [PDF Document]**

PDF (1305 K) PDF-Plus (838 K) Citing articles ... In Proceedings of the 6th International Conference on Physical Modelling in Geotechnics, Kowloon, Hong Kong, ... In Proceedings of the Symposium on The Application of Centrifuge Modelling to Geotechnical Design, Manchester, UK, 16–18 April 1984. Balkema, Rotterdam, the Netherlands. pp. 1–23.

### **Experimental modelling of debris flow behaviour using a**

Curriculum Vitae Patricia J. Culligan Professor, Civil Engineering & Engineering Mechanics Associate Director, Institute for Data Sciences and Engineering ... Organizing Committee, ISSMGE International Conference on Physical Modelling in Geotechnics, HKUST, Hong Kong, 4 – 6 August, 2006 July 2004 August 2006

### **Curriculum Vitae - Civil Engineering**

2006 Keynote International Conference on Physical Modelling in Geotechnics, Hong Kong . 2007 Lecture Geotechnique Lecture, British Geotechnical Association, London . 2010 Plenary 6ICEG 2010 6th International Congress on Environmental Geotechnics, India .

### **KENICHI SOGA PhD FREng FICE - ce.berkeley.edu**

Similitude relationships for physical modelling of monopile- supported offshore wind turbines Bhattacharya, Lombardi and Muir Wood International Journal of Physical Modelling in Geotechnics, 2011, 11 (2), 58 68 doi: 10.1680/ijpmg.2011.11.2.58 Paper 1000017 Received 14/10/2010 Accepted 23/11/2010 Keywords: offshore engineering/scaling laws

### **Similitude relationships for physical modelling of**

However model studies on monopiles in loose (Bhattacharya et al., 2011; LeBlanc et al., 2010) and dense (Cueñillar et al., 2012, Rosquoet et al., 2007) sands suggested that the foundation International Journal of Physical Modelling in Geotechnics Volume 14 Issue 3 Development of a rig to study model pile behaviour under repeating lateral loads

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