Cambridge University Geotechnical Society presents:

Knowledge Development and Transfer in Geotechnical Engineering

GEOTECHNICAL SOCIETY

Nick O'Riordan† & Professor Malcolm Bolton‡

† Global Geotechnics leader – Arup, London

‡ Emeritus Professor– University of Cambridge, Department of Engineering

Wednesday, 27 September, 18:00
Queen's Building, Emmanuel College, Cambridge

Event overview:

Two of the most prominent names in geotechnical engineering will present and discuss their thoughts and experience regarding knowledge development and transfer in geotechnical engineering.

- How is knowledge created in geotechnical engineering?
- What is the role of industry and academia in developing knowledge?
- How can we effectively transfer established knowledge between organisations and institutes?

Nick O'Riordan:

My presentation will provide examples of geotechnical knowledge development and transfer at various levels of scale: global/regional, country, company, project, individual. It will set out some of the challenges and differences in priority that exist in industry and academia in knowledge development, transfer and application. It will include ways in which inverse analysis, data analytics and curation, and artificial intelligence can improve outcomes and reduce loss of knowledge and confidence.

Professor Malcolm Bolton:

Academics hope to develop radical ideas. Practitioners hope to solve practical problems. Working together, they may secure both. Three examples are introduced with quite different origins, each represented by a Geotechnique paper. Each development faced, and still faces, some challenging hurdles.

An extended discussion will follow the presentations, chaired by **Professor Giulia Viggiani (University of Cambridge)**. We encourage people to submit questions for the discussion in advance, please email feh22@cam.ac.uk

The event will conclude with a drinks and nibbles reception.

The event is free to attend but registration is required:
www.eventbrite.com/e/knowledge-development-and-transfer-in-geotechnical-engineering-tickets-37038138068
Deadline for registration: midday Friday 22nd September.

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Queries:
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Event in partnership with: ice Institution of Civil Engineers