

## SPONSORS AND SUPPORTERS

With many thanks to our sponsors and supporters

### GOLD

### SILVER

### BRONZE

### SUPPORTERS



# ENGINEERING GEOLOGY 50 CONFERENCE

**JULY 5–7 2017**  
**UNIVERSITY OF PORTSMOUTH**

Celebrating 50 years of Engineering Geology and Geotechnics at the University of Portsmouth and 50 years publishing of the Quarterly Journal of Engineering Geology and Hydrogeology

@eg50yrs

**W:** [www.port.ac.uk/engineering-geology-50-conference/](http://www.port.ac.uk/engineering-geology-50-conference/)

**E:** [eg50@port.ac.uk](mailto:eg50@port.ac.uk)

University of  
**Portsmouth**

A three-day conference hosted by the University of Portsmouth with the support of the British Geotechnical Association (BGA), the International Society for Rock Mechanics (ISRM), the International Society for Engineering Geology (IAEG) and the Geological Society of London (GSL).

### DAY 1 PROGRAMME: ROCK ENGINEERING DESIGN AND THE EVOLUTION OF EC7 – WEDNESDAY 5 JULY

|         |   |
|---------|---|
| 8–9am   | <b>Registration and refreshments</b>  |
| 9.50am  | <b>Welcome address</b><br>Professor Sherria Hoskins, Dean, Faculty of Science, University of Portsmouth   |
| 10am    | <b>Introduction and main issues</b><br>John Harrison (University of Toronto)  |
| 11am    | <b>Discussion session (over refreshments)</b>   |
| 11.30am | <b>Engineering geological models in rock engineering</b><br>Robert MacKean (Geo-Design Ltd)   |
| 12pm    | <b>Ground investigation – what does Eurocode 7 part 2 require and how complete is it?</b><br>David Norbury (David Norbury Ltd/University of Sussex) |
| 12.30pm | <b>Calibration of numerical models: Accounting for uncertainty and variability</b><br>Davido Elmo (University of British Columbia)                  |
| 1pm     | <b>Lunch: poster session</b>  |
| 2pm     | <b>Guidelines for the design, implementation and whole life management of rock netting systems</b><br>Bill Murphy (University of Leeds)             |
| 2.30pm  | <b>Rock slope reinforcement</b><br>Ian Nettleton/Cesar Merrifield (Coffey)  |
| 3pm     | <b>EC7 &amp; ground anchors – a contractors view</b><br>Owen Francis (BAM Ritchies)   |
| 3.30pm  | <b>Refreshments: poster session</b>   |
| 4pm     | <b>Application of EC7 to mine design</b><br>Marnie Pascoe (AMC Consultants)   |
| 4.30pm  | <b>Design of underground excavations in rock to EC7</b><br>Evan Passaris (Atkins)   |
| 5pm     | <b>Moderated discussion</b>   |
| 5.30pm  | <b>Close</b>  |

Icebreaker drinks reception, Spinnaker Tower, from 7.30pm

Sponsored by



### DAY 2 PROGRAMME: QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY 50 YEAR REVIEW – THURSDAY 6 JULY

Sponsored by



|         |   |
|---------|---|
| 8–9am   | <b>Registration and refreshments</b>  |
|         | <b>Session chair - Chief scientific editor designate Jane Dottridge</b>                       |
| 9am     | <b>Opening address</b><br>Dr Eddie Bromhead   |
| 9.45am  | <b>History of QJEGH</b><br>Mike Winter (TRL Scotland)   |
| 10.15am | <b>Terrain evaluation, mapping and geological models</b><br>Jim Griffiths                     |
| 10.45am | <b>Quaternary</b><br>David Giles (University of Portsmouth)                                   |
| 10.30am | <b>Refreshments: poster session</b>   |
| 11.30am | <b>Ground investigation and testing</b><br>David Entwistle (British Geological Survey)        |
| 12pm    | <b>Geophysics</b><br>Dave Gunn (British Geological Survey)                                    |
| 12.30pm | <b>Aggregates, earthworks and geomaterials</b><br>JoAnn Cassar (University of Malta)          |
| 1pm     | <b>Lunch: poster session</b>  |
|         | <b>Session chair Jane Dottridge</b>   |
| 2pm     | <b>Slopes and landslips</b><br>Eddie Bromhead (Independent consultant)                        |
| 2.30pm  | <b>Settlement and subsidence</b><br>Clive Edmonds (Peter Brett Associates)                    |
| 3pm     | <b>Analysing and modelling aquifer-scale hydrogeology</b><br>Jared West (University of Leeds) |
| 3.30pm  | <b>Refreshments: poster session</b>   |
| 4pm     | <b>Hydrogeological measurement and monitoring</b><br>Mike Streetly (ESSI Ltd)                 |
| 4.30pm  | <b>Contaminated land and groundwater</b><br>Paul Nathanail (University of Nottingham)         |
| 5pm     | <b>The future</b><br>Andy Gibson (University of Portsmouth)                                   |
| 5.30pm  | <b>Close</b>  |

Dinner – Gun deck HMS Warrior, from 7pm till late

Sponsored by



### DAY 3 PROGRAMME: ENGINEERING GEOLOGY AND GEOTECHNICS 50 YEAR REVIEW – FRIDAY 7 JULY

|         |  |
|---------|--|
| 8–9am   | <b>Registration and refreshments</b>   |
|         | <b>Session chair Professor Mike Winter</b>   |
| 9am     | <b>Opening address</b><br>Professor Graham Galbraith, University of Portsmouth Vice-Chancellor         |
| 9.10am  | <b>Origins</b><br>Pete McDowell  |
| 9.20am  | <b>EG&amp;G course and Ireland and UK – 1970</b><br>Andy Poulsom                                       |
| 9.50am  | <b>EG&amp;G course and Scandinavia - 1981 – 1992</b><br>Dr Mike Ryan                                   |
| 10.20am | <b>Refreshments: poster session</b>  |
| 11am    | <b>EG&amp;G course and France - 1998 – 2007</b><br>Dr David Giles (University of Portsmouth)           |
| 11.30am | <b>EG&amp;G course and Hong Kong- 2008 – present</b><br>Dr Nick Koor (University of Portsmouth)        |
| 12pm    | <b>Current EG&amp;G spinoffs and research</b><br>Dr Andy Gibson (University of Portsmouth)             |
| 12.30pm | <b>Lunch: poster session</b>   |
|         | <b>Session chair Claire Dickinson</b>  |
| 1.30pm  | <b>Alumni research – rock physics</b><br>Professor Derek Elsworth (1979 graduate) Pen State University |
| 2pm     | <b>Alumni research – soil mechanics</b><br>Dr Marcus Mathews (1977 graduate) University of Surrey      |
| 2.30pm  | <b>Alumni research – landslides</b><br>Dr Pete Redshaw (2010 graduate) ARUP                            |
| 3pm     | <b>Refreshments: poster session</b>  |
| 3.30pm  | <b>Industrial interaction (SME)</b><br>Steve Branch (MD of GEA)  |
| 3.40pm  | <b>Industrial interaction (large consultant)</b><br>Richard Puttock (Partner PBA)                      |
| 3.50pm  | <b>Industrial interaction (large contractor)</b><br>Philip Ball (Director ESG)                         |
| 4pm     | <b>Industrial support</b><br>Dr Gareth Swift (University of Portsmouth)                                |
| 4.30pm  | <b>Future of Engineering Geology and Geotechnics training</b><br>Panel chair: Tracey Radford (Atkins)  |
| 5.30pm  | <b>Close. Tour of facilities (with drinks)</b>   |

Hog roast, Ravelin Park, from 7pm till midnight

Sponsored by

