

ICPMG 2026
11th International Conference on Physical Modelling in
Geotechnics

Prologue to the Proceedings

June 8 – 12, 2026, Zurich, Switzerland
<https://tc104-issmge.com/icpmg-2026/>

Lead Editor and Chair: Prof. Ioannis Anastasopoulos
June 2026

FOREWORD

The International Conference on Physical Modelling in Geotechnics (ICPMG), held under the auspices of the technical committee TC104 of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), is the biggest gathering of the international physical modelling community. The ISSMGE is the leading professional body representing the interests and activities of geotechnical engineers, academics and contractors worldwide. Organized by the Institute for Geotechnical Engineering (IGT) of ETH Zurich, (the 11th) ICPMG 2026 follows a series of very successful such events (taking place every 4 years), with the latest being the 10th ICPMG, which was held in 2022 in Daejeon, South Korea, jointly organized by KAIST and K-water.

The Conference Proceedings include 280 papers and extended abstracts accepted by the Editorial Board after the completion of a rigorous review process. The contributions are distributed according to the following general themes:

- New facilities, new equipment, and measuring techniques
- Scaling laws and fundamentals
- Resilient geotechnical infrastructure
- Sustainability in geotechnical systems
- Energy geo-structures and foundation systems
- Onshore and offshore foundation systems

In addition to the general themes, the conference included 11 Special Sessions focusing on:

1. Physical modelling – from Practice/Industry to Academia
2. Seismic behaviour of offshore foundations from dynamic centrifuge testing
3. Physical Modelling of Installation of Fixed OWT Foundations
4. Innovative Methods for Offshore Foundation Installation
5. Combination of numerical and physical modelling
6. Physical modelling for life-cycle foundation management
7. Geotechnical seismic isolation based on sustainable geomaterials
8. Nature-based solution for sustainable geotechnical systems
9. Physical Modelling for Cryosphere Applications
10. Liquefaction Experiments and Analysis Projects –Lesson Learned from LEAP-Asia-2025
11. Underground Structures in Liquefiable Ground

The conference included 12 Keynote Lectures delivered by:

Prof. Tarek Abdoun	New York University Abu Dhabi
Dr. Elisabeth Bowman	University of Sheffield
Prof. Fraser Bransby	University of Western Australia
Prof. Miguel Angel Cabrera	Delft University of Technology
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The Bright Spark Lecture award was introduced to promote young members of ISSMGE. Promising young geotechnical engineers active in both industry and academia have a chance to deliver keynote and invited lectures at these conferences. The two Bright Spark Lectures of 2026 were awarded to Prof. Srikanth Madabhushi from University of Colorado Boulder and Dr. Huan Wang from the Norwegian Geotechnical Institute.

Paying tribute to Andrew Schofield, father of geotechnical centrifuge modelling, the Schofield Lecture is the premier award of ISSMGE TC104, aiming to honour the significant contribution of a distinguished geotechnical engineer (from academia or industry) to the field of physical modelling in geotechnics. The conference hosted the 6th Schofield Lecture, delivered by Prof. Gopal Madabhushi from the University of Cambridge.

Live recordings of the 12 Keynote Lectures, the Schofield Lecture and the two Bright Spark Lectures are available on the Youtube channel of the TC104 (https://www.youtube.com/@ISSMGE_TC104).

ACKNOWLEDGEMENTS

On behalf of the ICPMG 2026 organising committee, we would like to express our sincere gratitude to ETH for their invaluable support in making this conference possible. We also extend our thanks to our Gold and Silver Sponsors, Supporters and Exhibitors for their generous contributions. Finally, we are grateful to the support of ISSMGE and TC104 for enabling the submission, review and dissemination of the online conference proceedings.

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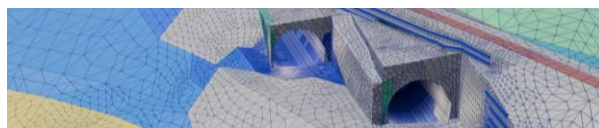
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National Geotechnical Centrifuge Facility: ngcf.edu.au
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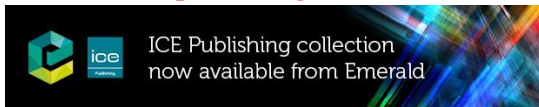
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