### CALL FOR ABSTRACTS

16, 17, 18 February 2021
School of Engineering, American University in Dubai, UAE

The abstract submission deadline is: 20 July 2020

Authors may submit abstracts online beginning 3 June 2020 at [wdi.org/DFIMEC2021](ww.dfi.org/DFIMEC2021)

Deep Foundations Institute (DFI) Middle East is delighted to announce its 5th Conference on “Geotechnical Engineering for Delivering Sustainable, Cost Effective Projects”

The DFI Middle East Conference is the region’s leading technical conference in the field of foundation engineering. The fifth edition of the conference provides an opportunity for the region’s geotechnical engineering practitioners, academics, and suppliers to exchange information and present the latest developments in the field of foundation design and construction. This year’s conference builds upon the past four events and promises to provide a top-quality forum.

### CONFERENCE TECHNICAL THEMES

#### Session 1: Ground Characterization
- Rule of high-quality drilling and sampling methods
- Investigations for slope stability studies
- Advances and applications of in-situ testing methods
- Geophysics for characterization of geotechnical properties
- Specialist laboratory tests: value and applications

#### Session 2: Ground Improvement
- Advances and applications of deep ground improvement techniques for: liquefaction mitigation of man-made fills
- Stabilization and enhancement of foundation capacity, seepage control / cut off structures, deep soil mixing and potential applications in the area

#### Session 3: Geotechnical Software and Information Systems
- Advances in geotechnical software applications
- Value and applications of information systems in geotechnical fields

#### Session 4: Deep Foundation 1: Design Methods
- Shoring for deep excavations
- Sustainable construction: permanent shoring systems
- Earth Structures: MSE walls, soil nailing: design and construction challenges

#### Session 5: Deep Foundation 2: Construction and Case Histories
- Design and construction of drilled piles
- Pile loading tests and quality control
- Dewatering of deep excavations
- Soil–structure interaction studies
- Instrumentation and monitoring as a design and QC tool

#### Session 6: Tunneling and the Use of Underground Space
- Earth support for tunneling projects
- Dewatering during tunneling and shaft construction

### IMPORTANT DATES

Abstract submission deadline: 20 July 2020
Notification of acceptance: 17 August 2020
Presentation submissions due: 5 October 2020