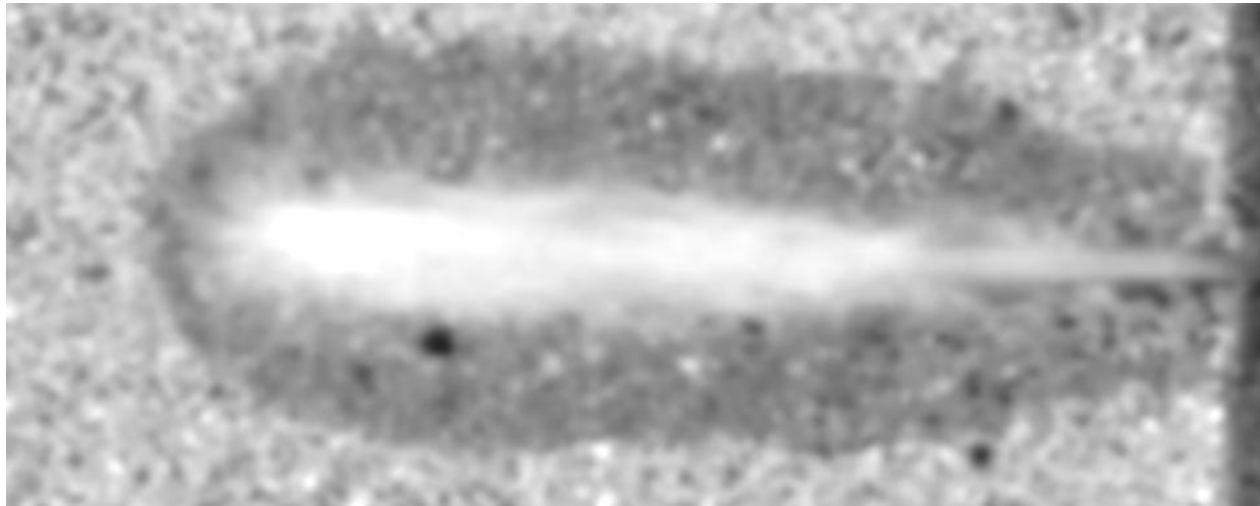


**ISSMGE International Society for Soil Mechanics & Geotechnical Engineering**

**Polish Committee on Geotechnics**

# **JET GROUTING**

## **technology, design and control**



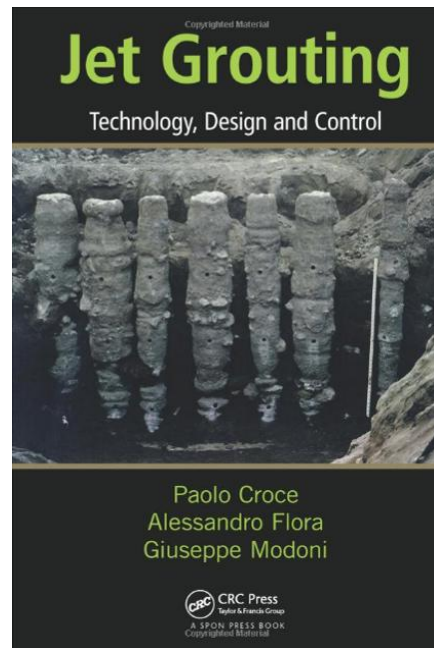
**Thursday - October 23<sup>rd</sup> 2025, 16.00-19.00**

• <https://www.geotechnika.org.pl/>

**Prof. Giuseppe Modoni**

University of Cassino and Southern Lazio, Italy  
Advanced Geotechnical Solutions





**Jet grouting is probably the most popular ground improvement technology. Different systems have spread worldwide, covering an increasingly larger variety of applications and becoming fundamental to tackle and solve intricate and specific geotechnical problems. This presentation provides an eye bird watch on the various aspects of jet grouting, technology, design and control, in the attempt to cover the viewpoints of all professionals involved in a project. An open discussion is finally welcome among the participants.**

## **PHD GIUSEPPE MODONI**

**Professor of Geotechnical Engineering at the University of Cassino and Southern Lazio (Italy). PhD degree at the University of Rome La Sapienza (Italy), awarded with JSPS Japan (2004), Marie Curie (2006), Erskine New Zealand (2018), STU China (2025) fellowships. His research interests span between experimental and theoretical stress-strain response of granular soils, static and dynamic response of dams, tunnels, foundations, large scale geotechnical problems and ground improvement. He has authored over 200 scientific publications on peer-reviewed journal, conference proceedings and book. Associate Editor of International Journals, member TC211 of ISSMGE, member of the Italian Geotechnical Society.**

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