



Third Future of Machine Learning in Geotechnics
(3FOMLIG), Florence (Italy), Oct 15-17, 2025

PROVISIONAL PROGRAM

Day 1	Wednesday, October 15 2025	
0900-1300	Pre-workshop short course “A primer to machine learning and artificial intelligence in geotechnical engineering”	Plenary session (Auditorium)
1300-1400	Lunch (independent, not provided)	
1400-1430	Opening ceremony	Plenary session (Auditorium)
1430-1500	Opening lecture - When Florence dared: visions, intelligences, and technologies that shaped history (Natacha FABBRI)	Plenary session (Auditorium)
1500-1530	Keynote Lecture 1 “Machine learning-powered nowcasting of rain-induced landslides and their impact” (Limin ZHANG)	Plenary session (Auditorium)
1530-1600	Break	
1600-1715	2 nd GeoTechathon: Multiagent LLMs (Part 1)	Plenary session (Auditorium)
1715-1730	Break	
1730-1845	2 nd GeoTechathon: Multiagent LLMs (Part 2)	Plenary session (Auditorium)
1900-2100	Icebreaker, Presentation of NextGen AI Museum, NextGen Student contest award presentations	Stellar Agorà
Day 2	Thursday, October 16 2025	
0830-0900	Bright Spark Lecture 1	Plenary session (Auditorium)
0900-0930	Keynote Lecture 2 “A tutorial on differential privacy and its potential application in geotechnical engineering” (Takao MURAKAMI)	Plenary session (Auditorium)
0930-1000	Bright Spark Lecture 2	Plenary session (Auditorium)
1000-1020	Break	
1020-1135	Parallel technical sessions 1	Auditorium, Room 1, Room 2
1145-1300	Parallel technical sessions 2	Auditorium, Room 1, Room 2
1300-1430	Lunch	Stellar Agorà
1300-1430	3 rd GEOAI Editors’ Meeting	Room 2
1430-1545	EduHackathon - Large Language Models in geotechnical education (Part 1)	Plenary session (Auditorium)
1545-1600	Break	
1600-1715	EduHackathon - Large Language Models in geotechnical education (Part 2)	Plenary session (Auditorium)
1715-1745	Break	
1745-1945	7 th Machine Learning in Geotechnics Dialogue (7MLIGD) – “Trustworthy data-centric geotechnics”	Plenary session (Auditorium)
2030-2300	Dinner	
Day 3	Friday, October 17 2025	
0830-0900	Bright Spark Lecture 3	Plenary session (Auditorium)
0900-0930	Industry Keynote “Generation of synthetic geotechnical data from geophysical ground model data” (Dongfang QU)	Plenary session (Auditorium)
0930-1000	Bright Spark Lecture 4	Plenary session (Auditorium)
1000-1020	Break	

1020-1135	Parallel technical sessions 3	Auditorium, Room 1, Room 2
1145-1300	Parallel technical sessions 4	Auditorium, Room 1, Room 2
1300-1430	Lunch	
1430-1500	FOMLIG NextGen session: reporting on activities and illustration of next steps	Plenary session (Auditorium)
1500-1530	GEO-AI Distinguished Lecture - Rapid advances in digital technology are bringing revolutionary changes to the construction industry (Yoshihiko RIHO)	Plenary session (Auditorium)
1530-1600	Closing ceremony	Plenary session (Auditorium)
1600-1730	2 nd FOMLIG Council Executive Board Meeting	Room 2
	Saturday, October 18 2025	
	Social tours	