

DAY 1			
9:00-9:15	15 min	Welcome and introduction	
9:15-10:15	60 min	L1 – Geothermal and waste thermal energy: principles and opportunities	Lyesse Laloui
10:15-10:30	15 min	Discussion	
10:30-10:45	15 min	Break	
10:45-11:45	60 min	L2 – Energy geostructures in new and existing constructions	Lyesse Laloui
11:45-12:00	15 min	Discussion	
12:00-13:30		Lunch break	
13:30-15:30	120 min	L3 – Development of energy geostructures in the US	Tony Amis for Endurant
15:30-15:45	15 min	Discussion	
16:00-16:15	15 min	Break	
16:15-17:15	60 min	L4 – Development of energy geostructures in Europe, Asia, and the Middle East	Alessandro Rotta Loria for GEOEG
17:15-17:30	15 min	Discussion and summary	

DAY 2			
9:00-10:00	60 min	L5 – Development of energy geostructures in Switzerland	Didier Mülhauser for Marti
10:00-10:15	15 min	Discussion	
10:15-10:30	15 min	Break	
10:30-12:00	90 min	L6 – Development of energy geostructures in Spain	Luis de Pereda for Eneres
12:00-12:15	15 min	Discussion	
12:15-13:45		Lunch break	
13:45-14:30	45 min	L7 – Thermal potential of sites and design parameters	Lyesse Laloui
14:30-14:45	15 min	Discussion	

14:45-15:00	15 min	Break	
15:00-17:00	120 min	Visit to the EPFL's Discovery Learning Laboratory and the Soil Mechanics Laboratory	Lyesse Laloui

DAY 3			
9:00-09:45	45 min	L8 – Heat transfer, mass transfer, and deformation in the context of energy geostructures	Alessandro Rotta Loria
9:45-10:00	15 min	Discussion	
10:00-11:00	60 min	L9 – Energy analysis and design of energy piles	Alessandro Rotta Loria
11:00-11:15	15 min	Break	
11:15-12:15	60 min	L10 – Geotechnical and structural analysis and design of energy piles	Alessandro Rotta Loria
12:15-13:45		Lunch break	
13:45-14:30	45 min	L11 – Analysis and design of other energy geostructures	Alessandro Rotta Loria
14:30-14:45	15 min	Discussion	
14:45-16:45	120 min	L12 – Underground means new perspectives	Antonia Cornaro for Amberg Engineering
16:45-17:00	15 min	Discussion	
17:00-17:15	15 min	Discussion and summary	Alessandro Rotta Loria & Lyesse Laloui