

Geophysics for CO₂ Sequestration and EOR

Day 1

09:00-09:15	Welcome, Biography, Program, Moodle
09:15-09:30	Geophysical Methods
09:30-10:00	Seismic Acquisition & Processing
<i>10:00-11:15</i>	<i>Refreshments</i>
10:15-11:00	Anisotropy & Fractures
11:00-12:00	High Resolution FWI Imaging
12:00-13:00	AVA
<i>13:00-14:00</i>	<i>Lunch</i>
14:00-14:30	Gravity
14:30-15:00	Full Tensor Gradiometer
<i>15:00-15:15</i>	<i>Refreshments</i>
15:15-15:45	Case studies
15:45-16:45	Ex: Field Record, Gravity Resolution
16:45-17:15	Team 1: Preparation Summary Day 1

Day 2

09:00-09:15	Team 1: Summary Day 1
09:15-09:30	EM
09:30-10:00	Machine learning
<i>10:00-11:15</i>	<i>Refreshments</i>
10:15-11:00	Inversion versus Machine Learning
11:00-12:00	Classification
12:00-13:00	EM Ground Sources, Inductive Sources
<i>13:00-14:00</i>	<i>Lunch</i>
14:00-14:30	Videos: CSEM
14:30-15:00	EM GPR
<i>15:00-15:15</i>	<i>Refreshments</i>
15:15-15:45	Joint Inversion, Time Lapse
15:45-16:15	Case Studies
16:15-17:00	Ex: DC Layered Earth, DC Inversion