

# Geophysics for Geothermal Energy

## Day 1

09:00-09:15	Welcome, Biography, Program, Moodle
09:15-09:30	Geophysical Methods
09:30-10:00	Seismic Workflow
<i>10:00-11:15</i>	<i>Refreshments</i>
10:15-11:00	Seismic Acquisition & Processing
11:00-12:00	Migration diff curves
12:00-13:00	AVA
<i>13:00-14:00</i>	<i>Lunch</i>
14:00-14:30	Anisotropy
14:30-15:00	Fractures
<i>15:00-15:15</i>	<i>Refreshments</i>
15:15-15:45	High Resolution FWI
<b>15:45-16:45</b>	<b>Ex: Field Record, Migration Wavefront</b>
<b>16:45-17:15</b>	<b>Team 1: Preparation Summary Day 1</b>

## Day 2

<b>09:00-09:15</b>	<b>Team 1: Summary Day 1</b>
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	EM GPR
14:30-15:00	Time Lapse, Joint Inversion,
<i>15:00-15:15</i>	<i>Refreshments</i>
15:15-15:30	Case Studies
<b>15:30-16:30</b>	<b>Ex: DC Layered Earth, DC Inversion</b>
<b>16:30-17:00</b>	<b>Team 2: Summary Day 2</b>