

Multi-Physics

Day 1

08:30-09:00	1. Biography, 2.Course Schedule, Team
09:00-09:30	Lectures: 3. Geophysical Methods, 4. Gravity
09:30-10:00	Exercises: 5. Depth Sphere
10:00-10:15	<i>Refreshments</i>
10:15-11:15	Lecture: 6. Gravity JDF I
11:15-13:00	Exercises: 7. Depth Estimation, 8. Swing
13:00-14:00	<i>Lunch</i>
14:00-14:30	Videos:9. Gravity, 10. Gravity Train, 11. Taipei Tower
14:30-14:45	Exercise: 12. Olympics
14:45-15:15	Lecture: 13. Magnetism JDF I
15:15-16:00	Exercises: 14. Local Magnetism, 15. Magnetic Latitudes
16:00-16:15	<i>Refreshments</i>
16:15-16:45	Lecture: 16. Grav-Mag JDF
16:45-17:00	Exercises: 17. Grav-Mag
17:00-17:15	Quiz1

Day 2 Tuesday

08:30-09:00	Team: Summary Day 1
09:00-09:30	Lectures: 1. Direct Hydrocarbon Indicators, 2. Induced Polarization
09:30-10:00	Exercises: 3. skin-depth & velocity
10:00-10:15	<i>Refreshments</i>
10:15-11:00	Lectures: 4. GPR, 5. MT
11:00-11:30	Exercises: 6. EM, 7. MT, 8. TEM
11:30-13:00	Lectures: 9. Resistivity
13:00-14:00	<i>Lunch</i>
14:00-14:15	Videos: 10. CSEM
14:15-15:00	Exercise: 11. Resistivity Profiles
15:00-15:30	Lecture: 12. 4D
15:00-16:00	Exercises 13. CSEM
16:00-16:15	<i>Refreshments</i>
16:15-16:30	Lectures: 14. Machine Learning
16:30-17:00	Exercise: 15. ML Remote Sensing
17:00-17:15	Quiz 2