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International School on Geothermal Development | (smr 2723)

Monday 07 December 2015

- LB (Euler Lecture Hall) (08:30-17:30)

time	title	presenter
08:30	Welcome and Introduction	A. AOUDIA & M. PIPAN
09:00	Registration & Coffee	
09:30	Financial formalities at the Fermi Building	
11:00	GENERAL ISSUES ABOUT GEOTHERMAL ENERGY: geology, structure of the Earth, applications, global overview and perspectives	R. BERTANI/A. MANZELLA
12:30	Lunch	
14:00	Geothermal projects: exploration, drilling, plants, exploitation, monitoring	R. BERTANI
15:30	Coffee Break	
16:00	Conventional and non-conventional systems: EGS, geopressured, magmatic, supercritical, brines	A. MANZELLA

Tuesday 08 December 2015

- LB (Euler Lecture Hall) (09:00-20:30)

time	title	presenter
09:00	Geochemistry: water-rock interaction, water and gas geochemistry, isotopes, geothermometry	O. VASELLI
10:30	Coffee Break	
11:00	Geophysics: thermal, electromagnetic, magnetic, gravity & seismic methods	A. MANZELLA/M. PIPAN
12:30	LUNCH	
14:00	Geology: from exploration to reservoir modelling	D. SCROCCA
15:00	Laboratory Training with Petrel	SCROCCA, D.
15:30	Coffee Break	
16:00	Laboratory Training and Case Studies	
16:30	Geothermal potential and favourability: data integration for resource assessment	MANZELLA, Adele
19:00	RECEPTION	

Wednesday 09 December 2015

- LB (Euler Lecture Hall) (09:00-17:30)

time	title	presenter
09:00	Ground response test (GRT) and heat pump design	P. CONTI
10:30	Coffee Break	
11:00	Numerical simulation of geothermal reservoir	R. BERTANI
12:30	LUNCH	
14:00	Modelling LAB training on PC	R. BERTANI
15:30	Coffee Break	
16:00	Modelling LAB training on PC	R. BERTANI

Thursday 10 December 2015

- LB (Euler Lecture Hall) (09:00-17:30)

time	title	presenter
09:00	Geothermal electric power plant (Binary, flash, dry steam,H2S abatement)	P. BOMBARDA
10:30	Coffee Break	
11:00	Direct uses/heat pumpus (district heating, greenhouses, etc.)	P. CONTI
12:30	LUNCH	
14:00	District heating and direct uses: the Grado case history	B. DELLA VEDOVA
15:30	Coffee Break	
16:00	Lab Training	

Friday 11 December 2015

- LB (Euler Lecture Hall) (09:00-17:45)

time	title	presenter
09:00	Environmental aspects (induced seismicity, subsidence, land occupation, gas emissions)	A. MANZELLA
10:00	Coffee Break	
10:30	Regulatory framework, relationships with Energy market, development perspectives	P. COCIANCIG
11:30	Business planning	R. BERTANI/B. DELLA VEDOVA
12:30	LUNCH	
14:00	Energy as a global issue	V. LUGHI
14:45	Student presentations	
16:15	Coffee Break	
16:45	Open Discussion and conclusion	