



WORKSHOP

Solid inclusions in minerals as records of geological processes

Location: Hotel Admiral Palace, Viale Pascoli 145, Rimini, Italy.

Friday 16th September 2016, 08:30-17:00

Convenors: Matteo Alvaro (Pavia), Ross Angel (Padova).

Contact: workshop@mile-deep.org

Program:

08:30-08:45	Registration	Daria Pasqual (Padova)	
08:45	Welcome	Matteo Alvaro (Pavia)	Welcome: logistics, thank sponsors Why use elastic barometry?
09:00	Lecture	Ross Angel (Padova)	Introduction to non-linear elasticity, EoS for free phases
09:45	Lecture	Mattia Mazzucchelli (Pavia)	Host/inclusion elasticity for isotropic systems
10:30	Coffee		
11:00	Lecture	Lutz Nasdala (Vienna)	Measuring stress states with spectroscopy
11:45	Lecture	Matteo Alvaro (Pavia)	Introduction to EosFit7 program suite
12:30	Lunch	Hotel	Sandwiches, provided by hotel
13:30	Hands-on tutorial	Ross Angel (Padova)	EosFit7-Pinc GUI program for host-inclusion calculations (Attendees can use their own laptops: Windows only)
15:00	Coffee		
15:30	Short presentations plus discussion	All speakers	Limitations of the isotropic model Short presentations on various aspects with Q/A
	Open discussion		Future challenges and solutions
16:45	Close	Matteo Alvaro	

Sponsors: The Italian Society for Mineralogy & Petrology (SIMP); the INDIMEDEA project (ERC project to F. Nestola, Padova); the MileDeep project (SIR-MIUR grant to M. Alvaro).

The workshop is hosted at the Admiral Hotel, 1.7km (20 minutes walking) south east of the train station

