

Advanced Studies in Operational Use of Network Data

1–2 August 2014 in Bogota, Columbia

Lecture / Exercise

Fri, 1 Aug		NH 93 Bogota Hotel		
Start		Buenaventura Room		
08:30	30	Welcome and Introductions, Dr. Susan Beck and Dr. Ray Russo Purpose of the ASI, Intro of lecturers, description of and assignments to groups		L
09:30	60	Setting up computers and installing software		
10:30	30	Break		
10:30	45	Overview of Double Difference Earthquake Locations, Dr. Felix Waldhauser		L
11:15	45	Overview of Moment Tensor inversion, Dr. Robert Herrmann		L
12:00	60	Lunch		
		Buenaventura Room	Santa Marta Room	
		Group 1: DD Locations	Group 2: Moment Tensor Inversions	
		Dr. Felix Waldhauser	Dr. Robert Herrmann	
13:00	120	Introduction to HypoDD software	Introduction to MT software	L
15:00	30	Break		
15:30	150	HypoDD – tutorial and exercises	MT – Setup and regional earthquake inversion	E
		Adjourn		
Sat, 2 Aug		NH 93 Bogota Hotel		
Start		Buenaventura Room	Santa Marta Room	

		Group 1: DD Locations Dr. Felix Waldhauser, Dr. Susan Beck	Group 2: Moment Tensor Inversions Dr. Robert Herrmann, Dr. Raymond Russo	
08:30	120	Real-time double-difference seismic monitoring	Teleseism inversion	E
10:30	30	Break		
11:00	60	Demonstration of software DD-RT	Seismic network quality control	E
12:00	60	Lunch		
13:00	150	HypoDD – exercises, using data from participants	Seismology codes for use with regional networks	E
15:30	30	Break		
		Buenaventura Room		
16:00	120	Research roundtable, operations and open questions		
		Adjourn		