

Università degli Studi di Trieste

Doctorate Course in

*Earth Science, Fluid-Dynamics, and Mathematics. Interactions and Methods  
Earth Science and Fluid Mechanics*

## Presentation day

December 14 2017, Building A, left side, 1st floor, Bachelet lecture hall

<i>Time schedule</i>	<i>Student (cycle)</i>	<i>Title</i>	<i>Session chairman</i>
9:00-9:20	Brunetti Anna (30°)	Large eddy simulation of a marine turbine in a stable stratified flow condition ( <b>recorded</b> )	C.Braitenberg
9:20-9:40	Cianferra Marta (30°)	FWH-based noise predictions for a 3D turbulent flow around bluff bodies	
9:40-10:00	Dal Cin Michela (30°)	3D Velocity Model in the Gulf of Trieste by means of Tomographic Analysis from Multichannel Seismic Reflection Data	
10:00-10:20	De Pasquale Marco (30°)	The role of plankton size-structure in biogeochemistry: a modeling approach	
<b>Coffee break</b>			
10:50-11:10	Kyrousi Foteini (30°)	Large eddy simulation of sediment transport cases with both stationary and moving boundaries	G.Pedrizzetti
11:10-11:30	Lopez Castaño Santiago (30°)	On sheared wind-driven air-shallow water turbulent boundary layers using LES	
11:30-11:50	Palma Massimiliano (30°)	Toward a coastal processing resolving ocean model - nesting LES-COAST and MITgcm ( <b>recorded</b> )	
11:50-12:10	Reyes Suarez Nydia Catalina (30°)	The Malta-Sicily channel surface circulation ( <b>recorded</b> )	
12:10-12:30	Rui Leonardo (30°)	Integrated analysis of glacial sediment input and ocean circulation in NW Barents Sea.	
12:30-12:50	Vicic Blaz (30°)	Geometry of Idrija fault system from high resolution earthquake relocations ( <b>recorded</b> )	
<b>Lunch break</b>			
14:00-14:15	Bianchin Luca (31°)	Sparse methods for pre and post stack seismic inversion	E.Forte
14:15-14:30	Candoni Oliviero (31°)	Seismic stratigraphy in the offshore Crotona forearc basin from multichannel seismic reflection data: preliminary results	
14:30-14:45	Campomaggiore Francesca (31°)	Large eddy simulation of turbulent flow in a sharp meander bend	
14:45-15:00	Fantini Adriano (31°)	First steps in flood risk assessment over Italy in a climate change scenario	

15:00-15:15	Ferrante Giulia Matilde (31°)	Gas seepage in the Northern Adriatic Sea	
15:15-15:30	Graffino Giorgio (31°)	On the importance of wind stress location in driving Pacific Subtropical cells and tropical climate	
15:30-15:45	Spada Simone (31°)	Bayesian approach to Variational and Kalman-Filter Data Assimilation	
15:45-16:00	Terzić Elena (31°)	Interaction of Optical Properties with Circulation and Biogeochemical Cycles in the Mediterranean Sea	
<b>Coffee break</b>			
16:30-16:40	Collia Dario (32°)	Cardiac Fluid Dynamics	S. Ceramicola
16:40-16:50	Ertunkay Deniz (32°)	Identification of possible velocity pulses in earthquake near fault regions by using machine learning	
16:50-17:00	Kubin Elizabeth (32°)	ARGO Floats in the Levantine Sea	
17:00-17:10	Manu-Marfo Daniel (32°)	Seismic imaging and Earth structure retrieval at a regional scale ( <b>recorded</b> )	
17:10-17:20	Pastorutti Alberto (32°)	Joint modelling of gravity and temperature fields: framework setup and first results	
17:20-17:30	Rocca Andrea (32°)	Large eddy simulation of fully-appended submarine at high Reynolds number ( <b>recorded</b> )	
17:30-17:40	Velicogna Matteo (32°)	Zircon and rutil Zircon and rutile in Cenozoic flysch from Krk, Rab and Pag (Croatia): age and trace element determination for provenance study	