

Università degli Studi di Trieste

Doctoral School in *Environmental and Industrial Fluid Mechanics*

Doctoral Course in *Earth Science and Fluid Mechanics*

Final exam

Tuesday, May 30, 2017

Trieste, Via A. Valerio 12/1, Building H2bis, 2nd floor, Morin Lecture Hall

<i>Time schedule</i>	<i>Student (cycle)</i>	<i>Title</i>	<i>Supervisor</i>
9.30-10:15	Da Col Federico (29°)	Modelling Techniques to Monitor the Injection of Carbon Dioxide in Deep Saline Aquifers	Vesnaver Aldo
10:15-11:00	Di Biagio Valeria (29°)	A method to characterize the statistical extremes in marine biogeochemistry: the case of the Mediterranean chlorophyll	Salon Stefano
<i>Break</i>			
11:20-12:05	Dossi Matteo (29°)	Automated Reflection Picking and Inversion Applied to Glaciological GPR Surveys	Forte Emanuele, Pipan Michele
12:05-12:50	Di Sante Fabio (29°)	Assessing the role of local air-sea interaction over the South Asia region in simulating the Indian Summer Monsoon (ISM) using the new earth system model RegCM-ES	Coppola Erika
<i>Break</i>			
14:00-14:45	Javed Farhan (29°)	Earthquake Transients and Mechanics of Active Deformation: Case Studies from Pakistan and Italy.	Aoudia Abdelkrim
14:45-15:30	Petrini Michele (29°)	Reconstructing with numerical Ice Sheet Models the post-LGM decay of the Eurasian Ice Sheets: data-model comparison and focus on the Storfjorden (Svalbard) ice stream dynamics history	Forte Emanuele
15:30-16:15	Santo Marco Antonio (28°)	Large-eddy simulation of wind-driven circulation in a peri-alpine lake: implications of complex surrounding orography and thermal stratification on hydrodynamics of Lake Ledro	Armenio Vincenzo
16:15-17:30	Committee Meeting		
17:30-18:00	Award Ceremony		

Time for presentation 35 minutes. Time for discussion 10 minutes. Total time per student 45 minutes.