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# 6th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Artificial Intelligence and Climate Modelling | (smr 4067)

## Monday 05 May 2025

**notitle - Kastler Lecture Hall (AGH) (09:00-17:30)**

time	title	presenter
09:00	Opening	FRED KUCHARSKI (ICTP), SERAFINA DI GIOIA (ICTP), RICCARDO FARNETI (ICTP), FRANCO MOLTENI (AGENZIA ITALIA METEO), ADRIAN TOMPKINS (ICTP)
10:00	Testing Leonardo Accounts and Configuration	SERAFINA DI GIOIA
10:30	Coffee Break	
11:00	Introduction to Atmospheric Modelling	FRANCO MOLTENI
12:30	Lunch	
14:00	Introduction to Ocean Modelling	ERIK VAN SEBILLE
15:00	Intro to Machine Learning	SERAFINA DI GIOIA
16:00	Introduction to Deep Learning	SERAFINA DI GIOIA