

Table of contents

Friday 31 October 2025	1
------------------------------	---

Joint ICTP-IAEA School on Detector Signal Processing and Machine Learning for Scientific Instrumentation and Reconfigurable Computing | (smr 4110)

Friday 31 October 2025

- Kastler Lecture Hall (AGH) (09:00-18:00)

time	title	presenter
09:00	High-Level Synthesis (HLS) – Part II	FERNANDO RINCON
10:00	Coffee Break	
10:30	Integrating Intelligence in 5G: How ML and AI Are Shaping 5G Networks?	DEJAN VUKOBRATOVIC
11:30	Using FPGAs to Accelerate Machine Learning Algorithms	ROMINA MOLINA
12:30	Lunch Break	
14:00	Edge AI Applications on FPGA-Based Systems	ROMINA MOLINA
15:00	Lab 5.1: Integrating ML Models with HLS4ML for Hardware Synthesis	
16:00	Coffee Break	
16:15	Lab 5.2: Deploying Machine Learning Models on SoC-FPGA	