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# Joint ICTP-IAEA INPRO School on Strategic Planning for Sustainable Nuclear Energy | (smr 4101)

## Thursday 18 September 2025

**- Eklund Laboratory (AGH) (09:00-17:00)**

time	title	presenter
09:00	Role of innovations: Technological and Institutional	ALEXANDER BYCHKOV
09:45	Small Modular Reactor designs. IAEA, Austria SMR Platform	ALEXEI MIASSOEDOV
10:30	Coffee Break	
11:00	INPRO Methodology: nuclear fuel cycle safety	THANH MAI VU AND ALEXANDER BYCHKOV
11:45	Nuclear Fuel Cycle: technologies, innovations, national and international approaches	ALEXANDER BYCHKOV
12:30	Lunch Break	
13:30	Future nuclear energy systems with hydrogen and fusion	MIKHAIL KHOROSHEV
14:15	INPRO Methodology: Environmental impacts and resources for future nuclear power	ALEXANDER BYCHKOV
15:00	Coffee Break	
15:30	Nuclear energy system (NES) simulators: Approach, Assumptions and Applications	AHMED IREJ JALAL, YULIA CHERNYAKHOVSKAYA, MAXIM GLADYSHEV
16:15	NES Simulators	AHMED IREJ JALAL, YULIA CHERNYAKHOVSKAYA, MAXIM GLADYSHEV