

# SynGrid Summer School Agenda

## Intelligent and Secure Power Systems

### Microgrids, Control, Stability and Real-Time Validation

Date	20. 4. 2026	21. 4. 2026	22. 4. 2026	23. 4. 2026	24. 4. 2026
Time	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Main Topic	WELCOME	INTRODUCTION	LAB SESSIONS	DSO VISIT	CLOSING
9:00-10:30	Hotel check ins	Welcome by ICCS-NTUA - Introduction by participants	Lab Tour - Introduction to HIL/PHIL	VISIT TO HEDNO	Break
10:30-12:00		Introduction to SynGRID - UL & SynGRID partners	LAB SESSION - Power flow, Grid Faults		Group discussion on lessons learned
12:00-13:00		Lectures (microgrids, stability)	Lunch	Closing remarks	
13:00-14:30		Lunch	Lunch	Farewell event	
14:30-15:30		Lecture PV Systems and prosumer grid integration	LAB SESSION - Droop control CHIL	Lunch	
15:30-16:30		Lectures (cybersecurity, control, energy communities)	Break		
17:00-19:00		Break	Break		
Room			Lab conference room or Library	LAB	ATHENS CITY TOUR
Dinner (20:00)	Welcome reception	X	X	HEDNO	
				X	