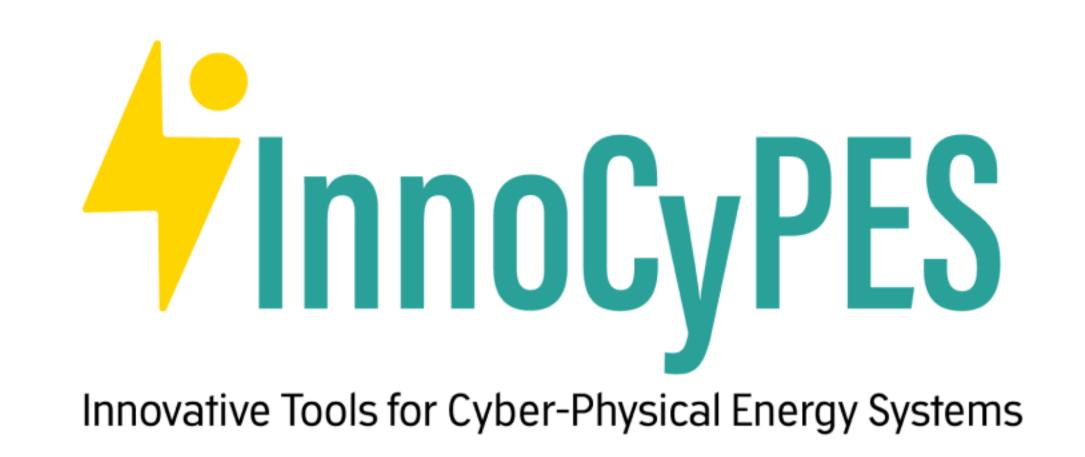
Program for InnoCyPES 1st Training School 12/06/2022 - 22/06/2022 DTU, Kgs. Lyngby, Denmark 2800



Date	Course	Topic	Description	Time slot	Contributors
Day 0 12/06/2022		vveicome	A small reception at a place for the ESRs and supervisors	17:00-20:00	DTU
		Locatio	n: DTU Lyngby, Building 101, R3.081 Meeting Roo	om S06	
Day 1 13/06/2022		Welcome Talk	Opening and welcome talk	08:45-09:00	Guangya Yang, DTU
	SC1	OTTSHOTE WIND	Wind turbine introduction and grid integration of wind, Part I	09:00-09:45	Frank Martin, SGRE
	SC1	UTTSHOTE VIVING	Wind turbine introduction and grid integration of wind, Part II	10:00-10:45	Frank Martin, SGRE
	SC1	LITTEDOTA WIND	Wind turbine grid requirements, compliance testing, modelling and validation, Part I	11:00-11:45	Frank Martin, SGRE
			Lunch	12:00-13:00	
		ESR activities	Announce the ESR activities	13:00-14:00	Mirza Nuhic, DTU

	SC1	Offishore Wind	Design, control, and operation of offshore windfarms	14:00-15:00	Łukasz H. Kocewiak, Ørsted
	SC1	Offshore Wind	Offshore wind farm stability assessment	15:15-16:30	Łukasz H. Kocewiak, Ørsted
Day 2 14/06/2022	SC1	LITTEDOTE WIND	Wind turbine grid requirements, compliance testing, modelling and validation, Part II	09:00-10:00	Frank Martin, SGRE
	SC2		Recent innovations in offshore wind and hybrid power plants.	10:00-11:00	Kaushik Das, DTU
	SC2	Hybrid Power Plants	Hybrid Power Plants, Design and Requirements	11:00-12:00	Hans Ejsing Jørgensen, Vestas
			Lunch	12:15-13:15	
		ESR activities	ESRs work in groups with given system models in power factory and PSCAD and formulate on their own tasks and present their discussion result and plan.	13:30-16:30	DTU
Day 3 15/06/2022	TC8	FAIR data management	Research data management	09:00-10:00	Jitka Stilund Hansen, DTU Library

	TC8	FAIR data management	Open access and data publication	10:15-11:15	Signe Gadegaard, DTU Library
			Lunch with supervisors	12:00-13:30	
			ESR Seminar - ESRs and supervisors get together	13:30-16:30	DTU
			Dinner together	17:30-21:00	DTU
Day 4 16/06/2022	SC3	IoT and Cloud	Introduction to SDN and its application.	09:00-10:00	José Soler, DTU
	SC3	In Land Cloud	Introduction to state of the art of SCADA system for renewables	10:15-11:15	Mikkel Peter Sidoroff Gryning, Ørsted
	:•€		Lunch	12:30-13:45	
	TC2	Publication	Journal publication, how and why	14:00-15:00	Madeleine Gibescu, UU

	•		ESR pitch competition	15:15-16:30	DTU	
Day 5 17/06/2022	SC2	Hybrid Power Plants	State of the art in Power to X development	09:00-10:00	SGRE	
	SC2	Hybrid Power Plants	Energy storage system state of the art	10:15-11:15	SGRE	
			Lunch	11:45-12:45		
			ESR session on collaboration and interface between projects	13:00-16:00	DTU	
			Social Activities	18:30-21:00	DTU	
Location: DTU Lyngby, Building 101, R3.078 Meeting Room S16						
Day 6 20/06/2022	SC3		Introduction to IoT/Cloud system and Mindsphere Basics	09:00-10:00	Siemens	
	WS 1	on an industrial	Group work based on the InnoCyPES work packages. Designing and developing an application based on use cases provided by the partners. The platform is Mindsphere.	10:15-12:30	Siemens, DTU	

			Lunch	13:00-14:00	
			Group work based on the InnoCyPES work packages. Designing and developing an application based on use cases provided by the partners. The platform is Mindsphere.	14:15-16:00	Siemens, DTU
Day 7 21/06/2022	WS 1	on an industrial	Group work based on the InnoCyPES work packages. Designing and developing an application based on use cases provided by the partners. The platform is Mindsphere.	8:30-11:30	Siemens, DTU
			Lunch	12:00-13:00	
			Group work based on the InnoCyPES work packages. Designing and developing an application based on use cases provided by the partners. The platform is Mindsphere.	8:30-16:00	Siemens, DTU
Day 8 22/06/2022	WS 1	an industrial	Group work based on the InnoCyPES work packages. Designing and developing an application based on use cases provided by the partners. The platform is Mindsphere.	8:30-12:00	Siemens, DTU
			Lunch	12:15-13:15	
			Group presentation and plan. Discussion and closing of the first training school.	13:30-16:30	DTU