

Week 2

Monday 29 June		
Morning	09:00 - 10:30	Photovoltaic Systems: Performance, Reliability and Emerging Challenges in O&M - <i>Fundamentals & Performance Metrics</i> Dr. M. Belhaouane (JUNIA-L2EP)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Photovoltaic Systems: Performance, Reliability and Emerging Challenges in O&M - <i>Degradation Mechanisms and Reliability of PV Systems</i> Dr. M. Belhaouane (JUNIA-L2EP)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Photovoltaic Systems: Performance, Reliability and Emerging Challenges in O&M - <i>From Corrective to Predictive Strategies</i> Dr. M. Belhaouane (JUNIA-L2EP)
	14:30 - 14:45	Break time
	14:45 - 16:15	Return of experience from real PV system inspections (Case Study) Dr. M. Belhaouane (JUNIA-L2EP)
	16:15	Free Time
	20:30	Dinner (included)

Tuesday 30 June		
Morning	09:00 - 09:45	Modeling and System Design of Photovoltaic Installations Dr. M. Belhaouane (JUNIA-L2EP)
	09:45 - 10:30	Photovoltaic System Control Dr. M. Belhaouane (JUNIA-L2EP)
	10:30 - 10:45	Break time
	10:45 - 12:15	Solar PV Design and Simulation: Software Tools Dr. M. Belhaouane (JUNIA-L2EP)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Modeling and Simulation of Photovoltaic Systems Using MATLAB/Simulink: <i>PV Cell and Module Modeling from Physics to Simulink Blocks</i> Dr. M. Belhaouane (JUNIA-L2EP)
	14:30 - 14:45	Break time
	14:45 - 16:15	Modeling and Simulation of Photovoltaic Systems Using MATLAB/Simulink : <i>From PV Modules to PV Arrays and MPPT Integration</i> Dr. M. Belhaouane (JUNIA-L2EP)
	16:15	Free Time
Wednesday 1 July		
Morning	09:00 - 10:30	Students Presentation / Assessment
	10:30 - 10:45	Coffee break
	10:45 - 13:00	Students Presentation / Assessment
Afternoon	13:00	Closing Session - Meal