

## ISMES XII PROGRAM & SCHEDULE: **Arrival July 8<sup>th</sup>, Departure 15<sup>th</sup>**

	8:45 10:00	10:00 11:15	11:15 11:45	11:45 13:00	13:00 15:00	15:00 16:15	16:15 17:00	17:15 18:30	18:30 19:30	19:30 24:00
Wed. 9 <sup>th</sup>	Directors: WELCOME Lynn Orr <i>Climate Change and the Clean Energy Transition (PART I)</i>	Peter Birkner <i>Transformation of Energy Systems: Compositions, roles, technologies, features, interactions</i>	Coffee break	Anke Weidenkaff <i>Circular Economy and Life Cycle Analysis also Sustainability metrics</i>	Lunch	Vanni Lughi <i>Perspective on Energy, Materials, Climate &amp; Sustainability, i.e., by the numbers</i>	Student Q & A On day's lectures	Coffee & Posters San Rocco	Free time to socialize while enjoying Erice	Dinner + Marsala room
Thur. 10 <sup>th</sup>	Lynn Orr <i>Climate Change and the Clean Energy Transition (PART II)</i>	Stefan Hannemann <i>Recycling and Waste Management Green Chemistry for sustainability</i>	Coffee break	David Cahen <i>Sustainable Materials for Sustainable Energy</i>	Lunch	Ryan O'Hayre <i>Electrochemistry for Sustainable Energy conversion &amp; Storage</i>	Student Q & A on day's lectures	Coffee & Posters San Rocco	Free time to socialize while enjoying Erice	Dinner + Marsala room
Frid. 11 <sup>th</sup>	Sabrina Sartori <i>Hydrogen, Hype, Reality and Policy</i>	Dave Ginley Integration at Scale for Energy Generation, Storage, and Use	Coffee break	Cosimo Gerardi <i>Solar PV: from basics to large industrial scale</i>	Lunch	Clara Santato <i>Natural materials for electronics and their powering elements</i>	Student Q & A on day's lectures	Coffee break, Brainstorming, building of Teams and work assignment		Dinner + Marsala room
Sat. 12 <sup>th</sup>	David Ginley <i>Electrifying Society Towards Sustainability</i>	(TBC) <i>Water-energy-food nexus</i>	Coffee break	Antonio Terrasi <i>Innovation, the valley of death and technology transfer</i>	Lunch	EXCURSION + DINNER SELINUNTE				
Sun. 13 <sup>th</sup>	10-11 Student Q & A last 4 lectures	Team work on presentations	Coffee break and Team work		Lunch	Team work on presentations				Dinner + Marsala room
Mon. 14 <sup>th</sup>	Team work on presentations				Lunch	Team Presentations				Gala Dinner