

## ISMES IX SCHOOL SCHEDULE: **Arrival Sept. 4<sup>th</sup>, Departure Sept. 10<sup>th</sup>**

	9:00 10:00	10:00 11:00	11:00 11:30	11:30 12:30	12:30 14:30	14:30 15:30	15:30 16:30	16:30 17:00	17:00 19:00	19:00 20:00	
<b>Mon. 5<sup>th</sup></b>	Welcome Introduction (20')  Energy as a global challenge (40') Vanni Lughi	Geothermal heat: conversion and storage Salvo Vasta	Coffee break	Critical Materials Vanni Lughi	Lunch break	Student Team formation (5) & 1 <sup>st</sup> Poster session		Coffee Break	2 <sup>nd</sup> Poster session	Dinner + BUS to guest house	
<b>Tue. 6<sup>th</sup></b>	Circular and sustainable materials Anke Weidenkaff	Energy transformation I incl. wind, biofuels, transportation Peter Birkner	Coffee break	The Terawatt Challenge David Ginley	Lunch break	Nuclear Energy: fission and fusion Marco Ripani	Batteries Ryan O'Hayre	Coffee Break	17:00-18:00 Electrification of everything David Ginley	Exercises	Dinner + BUS to guest house
<b>Wed. 7<sup>th</sup></b>	Energy transformation II incl. wind, biofuels, transportation Peter Birkner	Solar options and limitations Green H2 Anke Weidenkaff	Coffee break	Fuel Cell Electrolysers Ryan O'Hayre	Lunch break	Battery Industrialization Anna Semenova	Practical session on Electrolysis and Batteries Ryan O'Hayre	Coffee break	Team Working Session in separate rooms	Dinner + BUS to guest house	
<b>Thur. 8<sup>th</sup></b>	Team Working Session in separate rooms	Team Working Session in separate rooms	Coffee break	Team Working Session in separate rooms	Lunch break	Excursion to Gole dell'Alcantara + Taormina for the social dinner					
<b>Fri. 9<sup>th</sup></b>	Transfer to EGP Innovation Hub  The Industry of RE  Welcome with coffee break	10:00-10:45  High efficiency bi-facial Si based modules Cosimo Gerardi	10:45- 11:30  Green H2 Daniele Consoli	11:30-12:30  TOUR of the Innov. Hub	Back to SSC for Lunch break	14:30-16:00  Team Working Session in separate rooms	16:00 16:30  Coffee break	16:30-19:00  Student presentations and Closing remarks	Dinner + BUS to guest house		

h 8:15 a.m. - Shuttle bus departure from guest house to SSC;  
h 9:00 a.m. - Start of lectures;

h 8:30 a.m. - Arrival at SSC and breakfast;  
h 8:00 p.m. Shuttle bus to the guest house