



“ISMES IX - Materials for Energy and Sustainability”

Catania (Italy), June 25th – July 1st 2020

SAVE THE DATE

After 5 editions in Erice (Italy) and 3 in USA, next ISMES School will celebrate the 10th Anniversary at the prestigious “Scuola Superiore” of the University of Catania. The school will review critical materials issues for the production and storage of renewable and sustainable energy. The aim of the School is to present the state-of-the-art and future perspectives in this critical area. It will be a great opportunity to bring together the international community of students, young scientists, and experts in a unique atmosphere for reciprocal benefits in terms of enthusiasm, knowledge and new ideas.

A max number of 60 students will be allowed. The registration fee is 800 € which includes lodging, meals, social events.

The deadline for the registration is May 31st 2020

WEBSITE WWW.ISMES-IX.CT.INFN.IT under construction

Lecture Topics	Lecture Topics
<i>Energy Climate and Sustainability</i>	<i>Materials by Design for Energy Applications</i>
<i>Energy-Water Food Nexus</i>	<i>Solar Fuels and Artificial Photosynthesis</i>
<i>Nuclear Energy and Fusion</i>	<i>Thermal Energy Conversion CSP/TE</i>
<i>Biomass</i>	<i>Biofuels</i>
<i>Transportation, electric vehicles</i>	<i>Wind Energy</i>
<i>Energy Storage</i>	<i>Artificial Intelligence for Ren. Energy</i>
<i>Fuel Cells</i>	<i>The role of Big Companies in RE</i>
<i>Photovoltaic</i>	<i>Emerging Trends for 21st Energy Technologies</i>
<i>Approaches to CO₂ Mitigation</i>	<i>Smart Grid</i>
<i>Circular Economy/life cycle analysis</i>	<i>Health Issues</i>

CONTACT

Director of the School

Antonio Terrasi

(University of Catania – Italy)

E-mail: antonio.terrasi@ct.infn.it

Phone +39 0953785431

Directors of the Course

David Cahen

(Weizmann Inst. Science & Bar-Ilan Univ., IL)

David Ginley

(NREL, Golden Colorado, USA)

Ryan O’Hayre

(Colorado School of Mines, Golden Colorado, USA)

Abdelilah Slaoui

(CNRS HQ, Paris, F)

Anke Weidenkaff

(Fraunhofer IWKS, Hanau, D)