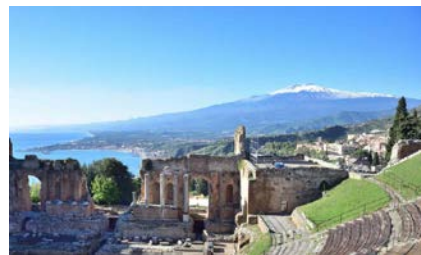




Università di Catania



## “ISMES IX - Materials for Energy and Sustainability”

**Catania (Italy), Sept. 5<sup>th</sup> – 9<sup>th</sup> 2022**



**Materials Research Society**



**EUROPEAN MATERIALS RESEARCH SOCIETY**

### **SAVE THE DATE**

After 5 editions in Erice (Italy), 3 in USA and the stop due to the Covid-19 pandemic, the next ISMES School will take place 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 500 € which includes lodging, meals, social events.

**The deadline for the registration is July 31st 2022**

<http://www.conorzio-cometa.it/index.php/2022/07/04/ismes-ix-materials-for-energy-and-sustainability/>

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>Hydrogen</i>
<i>Photovoltaic</i>	<i>Emerging Trends for 21st Energy Technologies</i>
<i>Approaches to CO<sub>2</sub> Mitigation</i>	<i>Smart Grid</i>
<i>Circular Economy/life cycle analysis</i>	<i>Renewable Energy Regulation</i>

#### Directors of the Course

#### CONTACT

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