



International School of Solid State Physics Materials for Renewable Energy

Erice (Italy), May 28th – June 2nd 2010



Sponsored by: Italian Ministry of Education, University and Scientific Research, Materials Research Society, European Materials Research Society, Sicilian Regional Government.

The event will be hosted at the “Ettore Majorana Foundation and Centre for Scientific Culture”. The Course will review critical materials issues for the production and storage of renewable and sustainable energy. Aim of the Course is to present the state-of-the-art and future perspectives for materials applied to the production and storing of renewable and sustainable energy. It will be a great opportunity for bringing together worldwide students, young scientists and experts in a friendly atmosphere for reciprocal benefits in terms of enthusiasm, knowledge and new ideas.

A max number of 150 students will be allowed. The registration fee is 800 € and it includes lodging in double room, meals, social events and transfer airport-Erice-airport (Palermo or Trapani). **Arrival May 27th before 5 p.m., departure June 3rd before 12 a.m. The deadline for the registration is April 30th 2010.**

Details and updating at the [WEB site](http://www.ct.infn.it/~terrasi/erice.html) (<http://www.ct.infn.it/~terrasi/erice.html>)

Also sponsored by

Topics	Speakers
CO ₂ /Global Warming	Lynn Orr (Stanford University, US)
Energy Balance	Paul Waide (EEP, Navigant Consulting Inc. UK)
Energy: The Big Picture	George Crabtree (Argonne Nat. Lab., US)
Conventional Technologies	John Poate (Colorado School of Mines, US)
Organic Photovoltaics & Storage	David Ginley (NREL Colorado, US)
Photovoltaics 3rd generation	Antonio Luque (Politechnic Univ. of Madrid, Spain)
Photovoltaics Overview	Jef Poortmans (IMEC, Belgium)
Photovoltaics Conventional	Dave Carlson (BP Solar, Germany)
Photovoltaics Industry	Salvo Coffa (STMicroelectronics, Italy)
Photovoltaics Thin films	Billy J. Stanbery (HelioVolt, Austin - US)
Vehicles	Michael Schreckenber (Univ. of Duisburg-Essen, Germany)
Fuel Cells	Ryan O'Hayre (Colorado Fuel Cell Center, US)
Si wires and plasmonics for PV	Harry Atwater (Caltech, US)
Solar Thermal: transfer and storage materials	Mila Hadjieva (Central Lab. of Solar Energy, Bulgaria)
Fuels via Solar Energy	David Cahen (Weizmann Institute of Science, Israel)
Green Chemistry	Nick Pugliano (Rohm and Haas Company, US)



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