

The Energy&Materials Research Conference (EMR2012)

Descripción:

The Energy&Materials Research Conference (EMR2012), which will take place in Torremolinos (Malaga, Spain) from 20 to 22 June 2012, will bring together researchers and professionals from a broad set of science and engineering disciplines with the aim of sharing the latest developments and advances in materials and processes involved in the energy generation, transmission-distribution and storage.

In the current situation, where world's energy system is likely to radically change in the next decades, research into materials and processes is currently foreseen as a critical aspect in the development of cleaner and more efficient energy. In this conference series, researchers from very different academic backgrounds (from semiconductor scientists exploring new ways for improving conversion efficiency within solar cells, or electrochemists pursuing better performance and durability of fuel cell components, to microbiologists deepening on how engineered microorganisms can be exploited for generating useful energy, or materials engineers conceiving new designs for power plants), but with an unique interest in contributing to the global energy and environmental challenges, are expected to join in a truly interdisciplinary atmosphere.

Areas or research covered will include:

- Energy from biomass - Biofuels
- Solar energy: photovoltaics; concentrating photovoltaics and HCPV; concentrating solar power and solar thermal
- Fuel cells
- Hydrogen
- Wind power. Wave, tidal and hydropower. Geothermal energy
- Non-renewable energy sources: nuclear and fossil fuels
- Energy transmission-distribution and storage
- Lighting and energy-efficient buildings
- Energy saving and sustainability

Link:

<http://www.formatex.org/emr2012/>

Duração: 2 días

Data de Início - Data de Fim: 20/06/2012 - 22/06/2012

Local: Torremolinos, Málaga

Idioma:

Español