

Advanced materials and electrochemical energy conversion devices

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Abstract

Hydrogen technologies are a keystone in the effort to create an integrated, competitive and environmental friendly European energy market. Fuel cells are the most attractive source of energy for many applications, as they are characterized by simplicity in construction, high efficiency and flexibility. Very important issues for the introduction of technology in the market are cost, competitive performance, but also reliable and long-term stable operation.

The seminar will present representative samples of our research activity aiming at the development of novel materials, efficient and reliable devices and integrated systems.