

Monaco Sustainable Development organizes the Eleventh International Conference on Ecological Vehicles and Renewable Energies EVER2016, April 6-8, 2016, Monte-Carlo (Monaco) with the technical co-sponsorship of the IEEE

Venue EVER2016 will be hosted by the principality of Monaco. Located between the Mediterranean, France and Italy, Monaco is definitely the most beautiful small country worldwide. Both conference and exhibition will be held in the Grimaldi Forum which is famous by its fascinating location in the center of Monte-Carlo.

Aims and Scope EVER2016 is intended to be a forum of specialists coming from universities as well as from industries, involved in R&D projects aimed at ecological vehicles or renewable energies or both. EVER2016 will be an opportunity to share their scientific, technical, business and social experiences with other attendees.

Topics EVER2016 covers topics related to ecological vehicles (EV), those linked to renewable energies (RE) and those shared by both (REV), including (but not limited to) the following:

EV1: Ecological Vehicles

- a: Passenger cars
- b: Public transportation vehicles
- c: Heavy and light duty vehicles
- d: Two and three-wheelers
- e: Marine and aerospace vehicles

EV2: Ecological Propulsion Systems

- a: Electric propulsion systems
- b: Hybrid propulsion systems
- c: Plug-in hybrid propulsion systems
- d: Clean thermal propulsion systems
- e: Range extender

EV3: Traction Drives and Generators

- a: Electric machine design, sizing and optimization
- b: Static converter design, analysis and control
- c: Variable speed drives modeling and control
- d: Automotive generators and regenerative braking
- e: Monitoring, diagnostics, and reconfiguration

EV4: Ecological Power Supplies

- a: Batteries design, modeling, and characterization
- b: Conductive charging infrastructure
- c: Inductive charging infrastructure
- d: Fuel cells and hydrogen infrastructure
- e: Ultracapacitors

REV1: Environment Impacts

- a: Greenhouse gas emission reduction policies
- b: Life cycle prediction and analysis
- c: Working towards an energy efficient environment

REV2: Marketing and Economical Impacts

- a: Market analysis, research and prediction
- b: Economic benefits in short and long terms
- c: Employment, training and maintenance

RE1: Wind Energy Systems

- a: Wind turbine Technology
- b: DFIG wind generating systems
- c: Gearless wind generating systems
- d: Wind farms and energy management
- e: Interfacing to the grid and GCRs

RE2: Solar Energy Systems

- a: Photovoltaic cell design and optimization
- b: Photovoltaic panels and associated converter
- c: MPPT strategies
- d: Solar water pumping, heating and desalination
- e: Solar refrigeration

RE3: Emergent Renewables and Smart Grids

- a: Wave and tidal energy systems
- b: Offshore renewable energy systems
- c: Geothermal energy systems
- d: Hybrid renewable energy systems
- e: Smart grids

RE4: Efficient Energy Management in Buildings

- a: Green buildings
- b: Building energy efficiency strategies
- c: Networked energy aware white-goods
- d: ICT for sustainable homes
- e: Smart homes

REV3: Education

- a: National and youth programs
- b: Public education, policies, and facilities
- c: Shared sustainable mobility

REV4: Standards and Regulation

- a: Standardization
- b: Recycling
- c: Safety

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Submission Prospective authors are invited to submit their abstracts of two to three A4 pages, single column, in English. Abstracts should be submitted via the conference website: <http://www.conference.evermonaco.com>

Deadlines

- September 25, 2015 Abstract submission
- October 30, 2015 Provisional acceptance
- December 11, 2015 Full paper submission
- January 1, 2016 Final acceptance

