

EPE'15 ECCE – Europe

It is our pleasure to announce that the 17th Conference on Power Electronics and Applications, EPE'15-ECCE Europe, will take place in Geneva, Switzerland. This is an ideally located city in the centre of Europe, easily reachable by all means (air, rail, road), at the edge between the Swiss and French Alps, alongside the beautiful Lake Léman.

Besides its exceptional international nature, due to the numerous humanitarian and political organizations, Geneva is world-wide famous for Particle Physics as well.

The year 2012 was marked by one of the most significant events in Fundamental Physics: the experimental discovery of the Higgs Boson at CERN. Subsequently, the Nobel Prize in Physics 2013 was awarded jointly to François Englert and Peter W. Higgs. The theoretical discovery of a mechanism that contributes to our understanding of the origin of mass of subatomic particles was confirmed through the discovery of the predicted fundamental particle at CERN's Large Hadron Collider (LHC).

The EPE'15 ECCE Europe conference will be hosted by CERN. Founded in 1954, the CERN laboratory sits astride the Franco-Swiss border near Geneva. It was one of Europe's first joint ventures and now has 21 member states.

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. They use the world's largest and most complex scientific instruments to study the basic constituents of matter – the fundamental particles. The particles are made to collide together at close to the speed of light. The process gives the physicists clues about how the particles interact, and provides insights into the fundamental laws of nature. Particle Physics and their Accelerators have required for decades the design, development, construction, control and operation of high precision power electronic converters.

The conference is organized in collaboration with the Ecole Polytechnique Fédérale de Lausanne (EPFL), prestigious Technical University located beside the Lake Léman. EPFL's recent progress within the international rankings involves not only its School of Engineering, but also the School of Life Sciences, Computer and Communication, as well as Basic Sciences.

Power Electronics is very present in Europe, with advanced research, successful industrial companies, and many academic laboratories in different countries. Since 1985, the EPE Conference has grown to become the largest in its field, regularly attracting the foremost technical contributors from industry and research centres worldwide. In 2011, EPE Association joined the IEEE-PELS society for organizing the EPE-ECCE Europe Congress cooperatively. One purpose of this Conference is to enable the presentation and discussion of developments in the field of Power Electronics, with attendees coming from all over the world. A characteristic trend from previous EPE ECCE Europe conferences has been an increasingly large industrial participation, which allows enhanced exchanges between academics and people from industry.

Geneva offers a wide variety of hotels. A large number of rooms in various categories at different negotiated rates have been blocked for the time of the conference. The hotels are located in the vicinity of the conference venue in the city centre of Geneva and are accessible easily by public transportation. Your hotel will provide a free Geneva Transport Card.

We are looking forward to welcoming you to Geneva. You will discover that Geneva is more than just a city. It is a whole world on its own, to be discovered within a unique setting. Imagine a place that brings the world together...

The EPE'15-ECCE Europe Conference Chairs

Frédéric Bordry, Conference Chair; Alfred Rufer, Jean-Paul Burnet and Drazen Dujic, Conference Co-Chairs

