



It is our pleasure to invite the whole of the Power Electronics Community to the 14th Conference on Power Electronics and Applications, EPE'11. EPE'11 will be held in Birmingham, UK from the 30th August to the 1st September 2011. This is an exciting and rewarding time to be involved in Power Electronics and we look forward to making this the most successful EPE conference so far. This will be the first EPE Conference arranged under the joint agreement between EPE and IEEE PELs, making the 2011 conference the first European EPE-ECCE Congress.

Birmingham is a colourful and vibrant city in the heart of England which is well known for chocolate, cars, canals and custard! Birmingham is the second largest city in the UK and is only a one hour train journey away from London. The city has a lot to offer conference attendees and their families, from Cadbury World [home of the world famous milk chocolate brand] to the Iron Bridge George [the birthplace of the Industrial Revolution] and from the Science Exploratory to the best shopping in the UK outside of London [so we are told!]. There is an engaging social programme associated with the conference and tours have been organised to many of the local tourist attractions, including Warwick Castle, Stratford [home of the famous playwright, William Shakespeare], Chatsworth House in the heart of the beautiful Peak District National Park and many more – see the conference web site for details [www.epe2011.com].

The conference will be held at the International Conference Centre [ICC], in Birmingham city centre. The ICC is very close to restaurants, bars and shops as well as being very convenient for city centre hotels. The ICC provides excellent, high quality conference facilities and we are very fortunate to be able to hold this EPE conference in this prestigious location. The gala dinner will be held at the National Motorcycle Museum where guests will have the opportunity to walk around the historical and contemporary exhibits during pre-dinner drinks. Before the meal there are two optional pre-dinner talks at the National Motorcycle Museum:

- TTXGP: *The first Electric Motorbike Grand Prix* – by Azhar Hussian (Founder of TTXGP)
- Bloodhound SSC: *The 1000 mph car* – by Richard Nobel

After the meal, delegates will be able to sample the sounds of some traditional English music from a virtuoso Brass band and a Folk Rock singer as well as tasting some traditional English beers from local micro-breweries. The conference will cover a wide range of topics relating to Power Electronics and applications including, but not limited to:

- Devices, packaging and integration
- Power converter topologies and design
- Control and measurement
- Electrical machines and drives
- Power electronics used in the generation, transmission and distribution of electrical energy
- Renewable energy and smart grids
- Power supplies
- Application of power electronics in automotive, aerospace, traction and marine applications
- Education in electrical engineering

In addition to these wide ranging topics, each day the conference will have a theme for the Keynote presentation and industrial sessions. These themes are based on strong local industrial interests: Power Electronics for Smart Grids/Integration of Renewable Energy; Automotive applications and Aerospace Applications. A number of extra session and workshops will be running late in the afternoons and after the conference related to these themes, please check the conference programme for full details.

Please check out the conference web site [www.epe2011.com] for details of the conference, hotel reservations, discount vouchers for many of the areas tourist attractions and reduced costs tickets with our partner airline group, the Star Alliance. Sponsorship and exhibition opportunities still exist, but booths are selling out very quickly. Please contact the team for more information

We look forward to welcoming you to Birmingham for this EPE conference. Please let any of the team know if there is anything we can assist you with.

Pat Wheeler, Phil Mawby and Colin Oates