



*Merry Christmas & a Happy New Year!!*

The EPSRC Centre for Power Electronics would like to wish you all a very merry Christmas and a happy new year.

This has been an exciting 12 months for us, with lots of events held, new projects funded and exciting progress across our research themes.

In August, the Centre showcased some of their technology in London's Science Museum. The aim of the event was to capture the imagination of young and not so young, and help excite future engineers about a career in electrical engineering and power electronics. The world land speed record holding electric vehicle (itself stuffed full of state of the art power electronics) was placed at the centre of an exhibition which showcased technologies including ultra-high density power circuits, Silicon Carbide device wafers, and a wireless charging system.

This year's annual conference was a great success, with over 190 delegates from across academia and industry attending. Our feedback was overwhelmingly positive, so thanks to all of those who joined us and helped to make it such a successful event. Next year's **annual conference** will be held in Nottingham on the **29<sup>th</sup> and 30<sup>th</sup> June**, so please hold the dates in your diary and we'll be in touch next year with details of how you can register.

We have showcased at a number of events this year and held workshops and networking events for our members and for the broader user community.

Research within our main themes is progressing well with all 10 core university partners involved in collaborative, underpinning research. Our cross-theme, cross-institution approach has stimulated new developments in integrated drives and in component interconnection technologies. We have also established researcher-focused and researcher-led communities to help accelerate communication of best practice and new ideas. In June we awarded funding to 6 new projects which link with our themes – two cross-cutting projects in the areas of Design Tools and Modelling and in Operational Management & Control, and four feasibility studies which bring 4 new institutions into the Centre. Details of all of our research projects are available on our website and we look forward to telling you more about their progress at our annual conference.

*Best wishes from the CPE team*

*The EPSRC Centre for Power Electronics: transforming our future through world-leading, underpinning research, combining the UK's best academic talent.*

[www.powerelectronics.ac.uk](http://www.powerelectronics.ac.uk)

