

Welcome to EPE 2009

On behalf of the Executive Council of EPE, the European Power Electronics and Drives Association, and the Conference Organising Committee, it is our honour to invite the whole power electronics community to the 13th Power Electronics and Applications Conference, EPE 2009, to be held in Barcelona, Spain, from September 8 to September 10, 2009. Following the successful previous conferences in Brussels, Grenoble, Aachen, Florence, Brighton, Seville, Trondheim, Lausanne, Graz, Toulouse, Dresden and Aalborg, this time EPE 2009 will take place in Barcelona, one of the most dynamic and representative towns of the Mediterranean area.

We are convinced that the conference in Barcelona will create a unique opportunity to renew and strengthen our professional contacts. We also hope that it will highlight the multidisciplinary character of Power Electronics and show its vast scope of applications.

Power electronics systems are a key tool to improve renewable and clean energy and cope with the mandatory rules of quality in electrical energy production, transport and distribution, or improve hybrid/electric public and private transport systems.

Along these ideas, and in addition to the contributions of many relevant academic institutions, EPE 2009 will have special tailored sessions of top expert presentations, state-of-the-art keynotes from industry world leaders, special industrial sessions, round table meetings and exhibitors presentations to discuss in depth and focus on future developments in new or emerging topics as well as advanced industrial applications of special interest to the power electronics community.

The power electronics systems should fulfil the conditions of low cost, reliability, miniaturization as well as the environmental requirements in terms of energy saving and recyclable, environmental friendly, materials. In order to obtain such results a close cooperation among power electronics experts, engineers and end users is highly essential.

We would like to address and invite the companies and engineers dealing with power electronics components and systems, renewable energy technologies, mechanics and mechatronics systems, adjustable speed drives and automation technologies. We are sure that the participation in this conference of our industrial partners can provide us with insights into the practical importance of research results and give us inspiration for novel ideas and research concepts.

Barcelona is a perfect venue for conferences and congresses thanks to a range of modern high-quality facilities including good communications, hotels of all categories, restaurants, cafés, and cultural and congress centres. Barcelona boasts well-known high level business and trade schools, top universities and institutions of higher education, ranking among the leading scientific and research centres in Europe.

Founded by the Romans during the reign of Emperor Augustus (27 B.C. - 14 AD.) at the meeting point of the country's major thoroughfares, Barcelona is a two thousand year old city. Its whole past is projected into its present. In its buildings and streets the story of its growth from ancient times to the modernism and postmodernism is clearly written.

Painters, architects and all kinds of artists have got inspiration and left a legacy of important creations in Barcelona streets and museums. Just to remember, names as Antoni Gaudí, Joan Miró, Salvador Dalí, Pablo Picasso and many others.

The modern airport of Barcelona offers the possibility of many direct scheduled flights to a wide range of European and worldwide destinations. The town is also the hub of a vast national and international rail network and maritime connections, providing many convenient options for passenger services.

Several cultural and tourist events will be organised during the conference. A beautiful environment invites to all kinds of excursions and visits. We believe it is a good way of getting you and your accompanying persons acquainted with this Mediterranean area and the distinctive character of Barcelona.

We are looking forward to welcoming you in Barcelona.



A handwritten signature in black ink, appearing to read 'Joan Peracaula'.

Joan Peracaula
Honorary Chairman



A handwritten signature in black ink, appearing to read 'Enrique Dede'.

Enrique Dede
Conference Chairman