Conference Chairman:

Petr Toman, Brno University of Technology, CZ

International Scientific Committee:

Vassilios AGELIDIS, The University of New South Wales, AU Julio G. BARROS, University of Cantabria, ES Petr BAXANT, Brno University of Technology, CZ Anton BELÁŇ, Slovak University of Technology in Bratislava, SK Surik A. BZNUNI, Yerevan State University, AM Thierry VAN CUTSEM, University of Liege, BE Jiří DRÁPELA, Brno University of Technology, CZ Žaneta ELESCHOVÁ, Slovak University of Technology in Bratislava, SK Prasad ENJETI, Texas A&M University, US Lothar FICKERT, Graz University of Technology, AT Radomír GOŇO, VŠB - Technical University of Ostrava, CZ Zdeněk HRADÍLEK, VŠB - Technical University of Ostrava, CZ František JANÍČEK, Slovak University of Technology in Bratislava, SK Jaan JÄRVIK, Tallinn University of Technology, EE Jana JIŘIČKOVÁ, University of West Bohemia, CZ Michal KOLCUN, Technical University of Košice, SK Iraida KOLCUNOVÁ, Technical University of Košice, SK Karel KATOVSKÝ, Brno University of Technology, CZ Petr KREJČÍ, VŠB - Technical University of Ostrava, CZ Vinod KUMAR, G.G.S.Indraprastha University, IN Jan KYNCL, Czech Technical University in Prague, CZ Roberto LANGELLA, Second University of Naples, IT Matti LEHTONEN, Aalto University of Technology, FI Petr MASTNÝ, Brno University of Technology, CZ Anna MUTULE, Institute of Physical Energetics, LV Karel NOHÁČ, University of West Bohemia, CZ Jaroslava ORSÁGOVÁ, Brno University of Technology, CZ Alena OTČENÁŠOVÁ, University of Žilina, SK Zdeněk PEROUTKA, University of West Bohemia, CZ Miles A. REDFERN, University of Bath, UK Eugeniusz ROSOLOWSKI, Wroclaw University of Technology, PL Stanislav RUSEK, VŠB – Technical University of Ostrava, CZ Pavel SANTARIUS, VŠB – Technical University of Ostrava, CZ Lubomír SKLENKA, Czech Technical University in Prague, CZ Jerzy SZKUTNIK, Częstochowa University of Technology, PL Zdeněk VOSTRACKÝ, University of West Bohemia, CZ Kazimierz WILKOSZ, Wroclaw University of Technology, PL Markus ZDRALLEK, University of Wuppertal, DE

Organizing Committee:

Chairman: Jiří Drápela, Brno University of Technology, CZ

Members: Petr Mastný, Brno University of Technology, CZ

Jan Macháček, Brno University of Technology, CZ

Jan Škoda, Brno University of Technology, CZ

Karel Katovský, Brno University of Technology, CZ

Stanislav Sumec, Brno University of Technology, CZ

Zdeněk Müller, Czech Technical University in Prague, CZ

Secretary: Tomáš Pavelka, Brno University of Technology, CZ

Jitka Langerová, Brno University of Technology, CZ

Contacts:

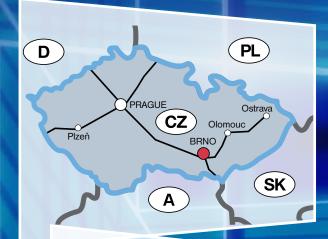
Brno University of Technology Dept. of Electrical Power Engineering, FEEC Technicka 3082/12 616 00 Brno Czech Republic

Phone: +420 541 146 211, 220, 213 Fax: +420 541 146 210

Email: epe2014@epe-conference.eu

Registration and Information:

www.epe-conference.eu





Brno University of Technology

Faculty of Electrical Engineering and Communication
Department of Electrical Power Engineering
and

Centre for Research and Utilization of Renewable Energy

organize

15th International Scientific Conference



ELECTRIC POWER ENGINEERING 2014





May 12–14, 2014 Hotel SANTON Brno, Czech Republic

www.epe-conference.eu

Electric Power Engineering 2014

Conference Objectives:

The International Scientific Conference aims to serve as a forum for an interchange of experience and a presentation of experimental results and results of research, as well as a place of meeting of workers from universities and industry who are devoting research and technical activities.

Conference Topics:

Restructuring of the electricity industry and transnational networks – Planning and operation of power systems under market conditions – System services in deregulated markets – Integration of distributed generation in the main grid – Smart Grids – Power system dynamic, stability and control – Cascading emergencies and blackouts – Electromagnetic compatibility – Power quality – Lightning and electromagnetic transients – Diagnostics and reliability – Power system protection – Power system insulation – Power electronics – Renewable energy sources and storage devices – Power system instrumentation, measurements and automation – Nuclear energy research, utilization and safety

Venue:

Hotel SANTON near the Brno lake. www.santon.cz

Registration of Participants:

The complete registration forms will be available on website of the conference.



Official languages:

English

Proceeding and publications:

All accepted and presented papers will be published in the conference proceedings, under an ISBN reference, in both print and CD formats. The proceedings will be sent to be indexed by Conference Proceedings Citation Index CPCI included in ISI Web of Knowledge.

Selected papers will be published in the ENERGYSPECTRUM journal (ISSN 1214-7044) and top ranked papers will be invited to publish in the Acta Technica journal (ISSN 0001-7043, indexed by SCOPUS).

Accommodation and boarding:

Will be ensured directly at the conference venue.

Social programme:

Welcome party - Social evening

Important dates - Deadlines:

Full paper submission Conference opening

February 2, 2014 May 12, 2014

Further important dates will be available on conference website www.epe-conference.eu.

