

On behalf of the Czech High Voltage Community, it is my honor and pleasure to invite you to the 19th International Symposium on High Voltage Engineering (ISH 2015), which will take place at the University of West Bohemia in Pilsen, Czech Republic, from August 23 till August 28, 2015.

We have established a national Czech Organizing Committee to make ISH 2015 a successful and unforgettable conference importing deeper knowledge and information about high voltage engineering. At the same time, we would like to create a platform for scientific exchange of experience for experts from universities, relevant industries and institutes, as well as, especially, for young researchers to increase or confirm their motivation to engage in the field of high voltage engineering.

The host city of ISH 2015, Pilsen, is a beautiful town with a long tradition of history, culture and strong ties between scientific engineering and its industrial application. At the same time, this conference should be an excellent supplement to Pilsen's activities as "European Capital of Culture 2015" - a title which Pilsen has been awarded. You are invited to participate in this great occasion for sharing ideas, friendship and culture in the context of traditional Czech hospitality. Looking forward to welcoming you to Pilsen in 2015.

Prof. Dr. Rainer Haller
Chairman of the Organizing Committee ISH 2015



IMPORTANT DATES

Abstract Submission Deadline
November 30, 2014

Abstract Acceptance Notice
January 31, 2015

Full Paper Submission Deadline
April 15, 2015

Full Paper Acceptance Notice
May 15, 2015

Early Bird Registration Deadline
May 31, 2015

TOPICS

Topics of interest include but are not limited to the following areas of high voltage equipment and engineering:

- 1. Electromagnetic fields**
computation, measurements, environmental effects
- 2. Transient voltages**
lightning, switching, repetitive impulses, surge arrester, insulation coordination, overvoltage protection
- 3. High voltage and high current testing and measuring techniques**
test procedure, evaluation
- 4. Advanced materials and insulation systems**
outdoor, indoor, solid, liquid and gas insulated, nanodielectrics, ecofriendly materials and applications
- 5. Diagnostics and monitoring**
partial discharges, evaluation procedures, knowledge rules, data mining, applications and asset management
- 6. HVDC technologies and applications**
design problems, testing and measuring techniques

www.ish2015.org

ISH

19th International Symposium on High Voltage Engineering

CALL FOR PAPERS

ABOUT

National Scientific Committee

- Haller, R. (UWB, Chairman)
- Kocis, L. (EGU Prague)
- Kovařík, M. (ČEPS)
- Mentlík, V. (UWB)
- Muhr, M. (UWB, TUG)
- Vostracký, Z. (UWB)

International Steering Committee

- Babuder, M. (Slovenia)
- Guan, Z. (China)
- Fröhlich, K. (Switzerland) - CIGRE
- Gockenbach, E. (Germany)
- Jacob, P. (USA)
- Kärner, H. (Germany)
- Kawamura, T. (Japan)
- Koo, J. Y. (Chairman, Korea)
- Mosch, W. (Germany)
- Muhr, M. (Austria)
- Nagabhushana, G.R. (India)
- Reynders, J. (South Africa)
- Rizk, F. (Canada)
- Smit, J. (The Netherlands)
- Waters, R. (United Kingdom)
- Zingales, G. (Italy)



CONVENIENT ACCESS

Prague Airport (PRG) is the most important international airport in the Czech Republic and is the biggest of the airports of the new EU member states. This international air hub offers approximately 50 airlines connecting Prague with about 130 destinations worldwide by direct scheduled flights. The drive from Prague to the conference city Pilsen takes only 45 minutes using interstate motorway D5 connecting Germany and the Czech Republic.

HOST COUNTRY

The Czech Republic is a country with a long history located in the heart of Europe and creating a bridge between former East and West Europe. The Czech Republic is known as an industrial country, as well as a country with beautiful countryside and many national parks. The country is also well-known for its historical heritage, with numerous sites designated as UNESCO World Cultural Heritage Sites. Modern Czech society is fully integrated into the European Union and the modern world but keeps its rich historical traditions. Its capital Prague is known world-wide for its beautiful medieval downtown and at the same time, for being a modern center of central European business. The conference host city Pilsen is one of the most important industrial and university centers of the Czech Republic.



VENUE

Pilsen is one of the most important industrial cities in the Czech Republic. The establishment of two industrial giants in the late 19th century, Škoda Works and the Pilsner Urquell brewery, brought the greatest renown to the city.

One of the most recognised Czech brands is Škoda's logo of many years, the winged arrow. The company's beginnings reach back to 1859, when a foundry and engineering plant was established in Pilsen.



The Faculty of Electrical Engineering of the University of West Bohemia (UWB) has a history of over 60 years in technical sciences and has been cooperating the development of high voltage and other electrical machines and appliances of the Škoda factory. Nowadays, UWB has approximately 20,000 students. The growing volume of research activities of Faculty of Electrical Engineering has led to the establishing of a new research center called the Regional Innovation Center for Electrical Engineering (RICE). Pilsen (Plzeň) itself is not only an industrial and university center, but also a city with rich cultural traditions and a history over 700 years. This was recognized by the designation of Pilsen as "European Capital of Culture 2015".

