

**First announcement
and invitation to
participate in**

**20th INTERNATIONAL
SYMPOSIUM ON HIGH
VOLTAGE ENGINEERING**

ISH 2017

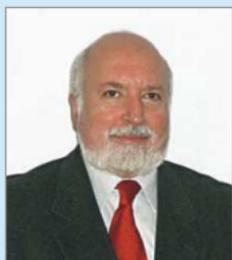
*August 28 - September 01
2017 - Buenos Aires - Argentina*



*Organized by the
National University of Tucuman*

*Endorsed by the National Scientific
and Technical Research Council (CONICET)*

INVITATION



It is a great pleasure to invite colleagues and experts from all over the world to take part in the 20th International Symposium on High Voltage Engineering to be held in Buenos Aires, Argentina, from August 28 to September 01, 2017.

High voltage engineering is extremely important for the reliable design and safe manufacture of equipment, apparatus and electric power systems. ISH 2017 will provide an excellent forum to present results, advances and discussions among scientists and engineers, and share ideas, knowledge and expertise on high voltage engineering. ISH is organized every two years and this is the first time it will take place in South America.

Argentina is a continental country with large rivers and seacoasts, high mountains, wide plains, and important fossil, renewable and nuclear energy resources, scattered across its vast territory. The country has an enormous potential for the development of large electric systems in EHV/UHV and AC/DC. The diversity of climates and environmental zones combined with long distances between energy sources and population centers make it necessary to apply the full spectrum of knowledge in high voltage engineering.

Buenos Aires is a cosmopolitan city, renowned by a rich architecture and history resulting from the varied origin of its inhabitants. Guests may enjoy a very ample cultural offer that makes Buenos Aires a well-known Cultural Capital in Latin America.

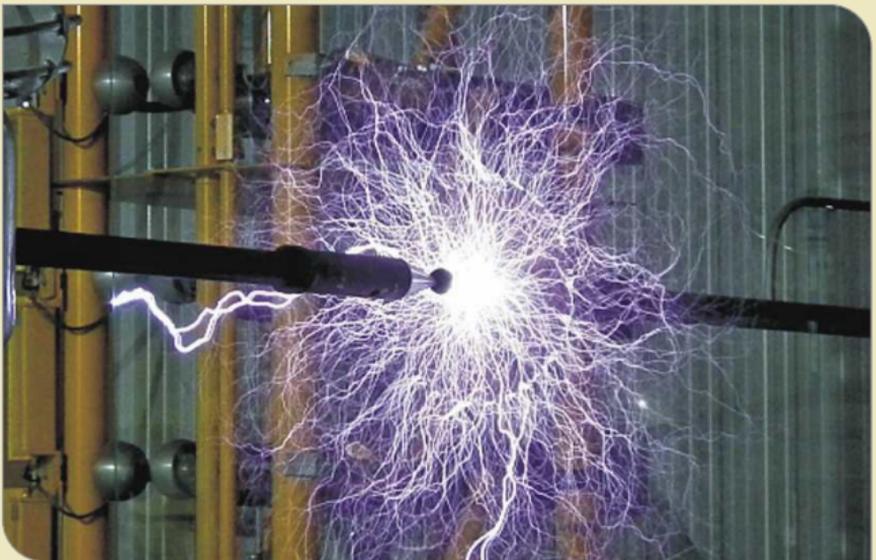
ISH series was born with the purpose of encouraging young researchers, stimulating education in universities and promoting modern trends in high voltage engineering. One of the goals of ISH 2017 still is to foster enthusiasm and work of young scientists and experts to share their findings and knowledge. Join us in Buenos Aires so that your research on high voltage finds an enabling environment for growth.

Prof. Ricardo Díaz

Chairman of the Organizing Committee ISH 2017

MAIN TOPICS

- Electromagnetic fields: computation, measurements, environmental effects.
- Transient voltages: lightning, switching, repetitive impulses, surge arresters, insulation coordination, over-voltage protection, EMC.
- High voltage and high current testing techniques: test procedures, measurements, evaluation, partial discharges, dielectric parameters, emerging test techniques.
- Advanced materials and insulation systems: outdoor, indoor, solid, liquid and gas insulated, new materials.
- Monitoring and diagnostics: evaluation procedures, knowledge rules, data mining, smart sensors, applications.
- High Voltage systems: asset management, life line working, maintenance and on site repair.
- HVDC technologies and applications: design problems, testing and measuring techniques.



IMPORTANT DATES

- Abstract submission: 1 December 2016
- Abstract acceptance: 15 February 2017
- Full paper submission: 15 April 2017
- Paper acceptance notification: 31 May 2017

INTERNATIONAL STEERING COMMITTEE

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

EXHIBITION AND SPONSORS



The Organizing Committee welcomes all potential sponsors and exhibitors to participate in the 20th International Symposium on High Voltage Engineering (ISH 2017). ISH represents an opportunity to promote their solutions and services in high voltage engineering.

WORKING LANGUAGE

The working language of the conference is English.

VENUE



Buenos Aires International Airport (Ezeiza-Pistarini) is a 30 minutes drive from the city center, Aeroparque (Newbery) is the domestic airport 5 km away from downtown.

Buenos Aires can be reached by direct flights from Rome, Madrid, Paris, Frankfurt, London, Amsterdam, New York, Miami, Houston, Dallas, Los Angeles, Mexico, Sao Paulo, Rio de Janeiro and many other major cities.

The Symposium will take place at a convention center in the heart of the trendy district known as Puerto Madero, right in the downtown section, conveniently located within walking distance of hotels, restaurants and tourist attractions. An important number of rooms, with a large range of prices, are available in the surrounding of the convention center.

Buenos Aires is a pleasant and cosmopolitan city characterized by an architecture that combines the past and the vanguard. The Capital City of Argentina encourages those who walk along its large boulevards, parks and squares to try different proposals all along the week. Try Argentine top-level cuisine, taste its wines and grilled meats, learn about the history,

culture and language of the country. Enjoy the night life, the neighborhoods with a typical soul, sport events, music and tango, the fashion and commercial circuits of the city.

Latitude and longitude of Buenos Aires are about 34°S and 58°W, the city is located beside Rio de la Plata, its weather is mild and in late August the temperatures and humidity are moderate.

NATIONAL UNIVERSITY OF TUCUMAN



The National University of Tucuman (UNT) was founded in 1914 as the first university in Northern Argentina and the fifth in the country.

The Faculty of Exact Sciences and Technology is contemporary of the university that has created the first university laboratory in high voltage in 1960, now become the Institute of High Voltage and Power Transmission "Prof. G. Gotter". Nowadays, UNT has approximately 65.000 students and thirteen faculties spread over the city of San Miguel de Tucuman. It is the most important city in the North Argentina, located 1200 km away from Buenos Aires, and was founded in the sixteen century under the Spanish dominance.