



Important Dates

Opening date for abstract submission
20 September 2016

Deadline for abstract submission
7 November 2016

Conference begins:
19 March 2017

20th Topical Meeting of the International Society of Electrochemistry

Advances in Lithium and Hydrogen Electrochemical
Systems for Energy Conversion and Storage

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Accommodation

Hotels and hostels, ranging from 2 to 5 stars, are available within short walking distance of the meeting venue. A list of accommodation will be provided on the web site of the meeting. Reservations should be made individually.

Climate

March is the end of Summer and beginning of Fall with many beautiful sunny days. March is characterized by falling daily high temperatures, with daily highs decreasing from 26°C to 23°C over the course of the month, exceeding 29°C or dropping below 20°C only one day in ten.

Transportation

Buenos Aires is Argentina's international gateway and easily accessible from North America, Europe, and Australasia, as well as other capital cities in South America. The main airport for international flights is the Ministro Pistarini International Airport, also known as Ezeiza International Airport, about 35 km from Buenos Aires city. Many flights to and from neighbouring countries also use the smaller but sometimes more convenient Aeroparque Jorge Newbery airport, near downtown Buenos Aires. To travel downtown you can book an Airport transfer, take a bus or a taxi.

Conference Venue

The meeting venue is the Pontificia Universidad Católica Argentina, situated in the refashioned docks of Puerto Madero, one of the most modern and quiet neighbourhoods in Buenos Aires close to the riverside. Their two fully-equipped, modern auditoriums will serve for the oral presentations and the surrounding social space for posters and catering. The venue is a few minutes walk to the commercial centre of Buenos Aires.



Call for Papers

19-22 March 2017

Buenos Aires, Argentina



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<http://topical20.ise-online.org>



20th Topical Meeting of the International Society of Electrochemistry

Advances in Lithium and Hydrogen Electrochemical Systems for Energy Conversion and Storage



Invitation

You are cordially invited to the 20th Topical Meeting of the International Society of Electrochemistry, which will be held in Buenos Aires, Argentina from 19 to 22 March 2017. Buenos Aires, located on the western shore of the estuary of the Río de la Plata, is the cosmopolitan capital of Argentina, known for its European atmosphere, passionate tango and vibrant nightlife. It has a population of about 3.5 million and is lively all year round with plenty of cultural activities, long tradition in visual arts with many important art galleries and museums. Every April one of the top five book fairs in the world is celebrated in the city, oriented to the general public as well as to the literary community. Buenos Aires defines itself as a multicultural city, being home to multiple ethnic and religious groups. Since the end of the 19th century the city, and the country in general, has been a major recipient of millions of immigrants from around the world, particularly from Italy, Spain and Latin America, and more recently from Asia, making it to be considered as one of the most diverse cities in Latin America. From Buenos Aires you can visit some of the most fascinating places of Argentina, such as the near infinite flat lonely pampas, the splendid Iguazú waterfalls, the multicoloured mountains in the heights of the northern Puna, the stunning glaciers in the south or the sparsely populated, steppe-like plains of Patagonia.



Scientific Scope of Conference

In a world with increasing energy demand for maintaining and developing the modern society, but at the same time seeking for renewable resources and environmental friendly solutions, electrochemistry can clearly provide efficient and clean alternatives for energy conversion and storage. Two fields of great impact in today's energy economy are the development of lithium batteries and hydrogen fuel cells. The goal of the present meeting is to provide a venue where electrochemical researchers working in the fields of lithium batteries and hydrogen fuel cells will have the opportunity to discuss their recent advances and future developments. The scope of the meeting goes from basic research in related electrode reactions to applied electrochemical energy conversion and energy storage, including electrochemical engineering aspects. Topics will include the development of new cathode and anodes materials, cell designs for Li batteries and hydrogen fuel cells, mathematical modelling, simulation and optimisation of batteries, characterisation of interfaces, electron transport, computational models, electrodeposition processes related to the preparation of new electrodes, surface and electrochemical characterisation of electrode materials, methods for performance analysis of batteries and cells, deterioration diagnosis, etc.

Organizing Committee

Agustin E. Bolzán, La Plata, Argentina (co-chair)
Candace Chan, Tempe, USA
Deborah Jones, Montpellier, France
Robert Kostecki, Berkeley, USA
Ezequiel P.M. Leiva, Cordoba, Argentina (co-chair)
Yan Yao, Houston, USA

Local Organizing Committee

Ernesto J. Calvo, Universidad de Buenos Aires, Argentina
José L. Fernandez, Universidad Nacional del Litoral, Argentina
Guillermina Leticia Luque, Universidad Nacional de Córdoba, Argentina
Arnaldo Visintin, Universidad Nacional de La Plata, Argentina

Call for Papers

Abstract submissions are invited for both oral and poster presentations. All abstracts must be submitted via the online submission system that will open on 20 September 2016. The deadline for abstract submission will be 7 November 2016. The abstract must be in English and must not exceed one page (including figures, tables and references).

