



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 **25 October 2017**.

The deadline for abstract submission will be **10 December 2017**. The abstract must be in English and must not exceed one page (including figures, tables and references).

23rd Topical Meeting of the International Society of Electrochemistry



Electrochemistry for Investigation of
Biological Objects: from Functional
Nanomaterials to Micro/Nano-Electrodes

Conference Venue

The Meeting will be held in the Joint Centre for Life Sciences of Vilnius University, home to three academic branch units: the Institutes of Biochemistry and Biotechnology and the Faculty of Natural Sciences. This new centre opened at the beginning of 2015 and possesses modern laboratory equipment and top-level scientific research services. The conference centre offers a large amphitheatre, smaller lecture halls, general-use class rooms, meeting rooms as well as spacious hall areas.

Transportation

Vilnius is well connected to the major European cities and can be easily reached by air, train, bus, ferry or car. It is never more than three hours away from any European destination by air. Vilnius International Airport, located in the southern part of Vilnius city (less than 15 minutes away from the city centre), is the largest airport in Lithuania. It is easy enough to reach the city centre from the airport.

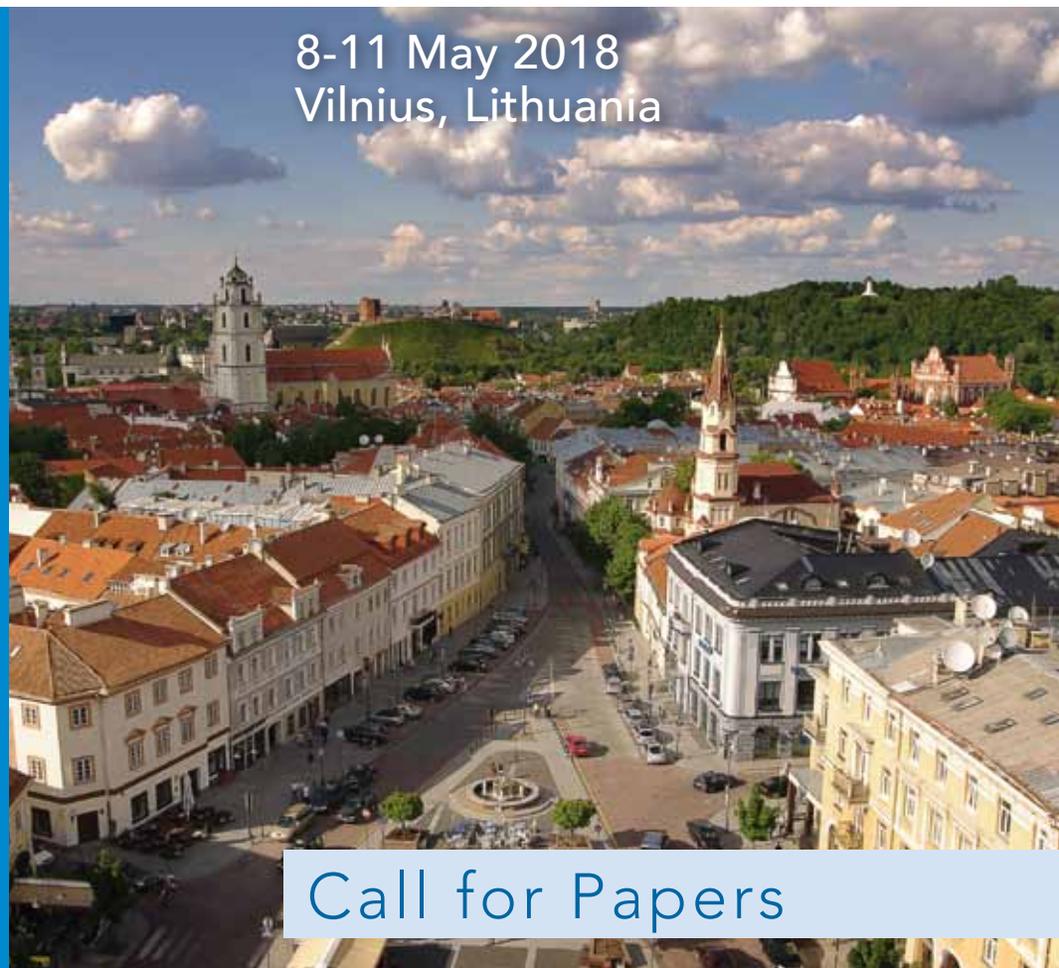
Accommodation

Vilnius provides a wide selection of accommodation options, the very best of which are to be found in the city's Old Town and central business districts.

Climate

The climate of Vilnius is humid continental. In May weather is changeable with rain and sunshine, the temperatures vary between 10° to 20 °C.

8-11 May 2018
Vilnius, Lithuania



Call for Papers

Important Dates Abstract submission opens: **25 October 2017**
Deadline abstract submission: **10 December 2017**
Conference begins: **8 May 2018**

<http://topical23.ise-online.org>



23rd Topical Meeting of the International Society of Electrochemistry

Organizing Committee

Renata Bilewicz, Warsaw, Poland

Pawel Kryszinski, Warsaw, Poland

Elisabeth Lojou, Marseille, France

Albertas Malinauskas, Vilnius, Lithuania

Rasa Pauliukaite, Vilnius, Lithuania (Chair)

Gintaras Valinčius, Vilnius, Lithuania



Invitation

You are cordially invited to the 23rd Topical Meeting of the International Society of Electrochemistry, which will be held in Vilnius, Lithuania from 8 to 11 May 2018. The meeting will provide a good opportunity to present research results, to visit the beautiful city of Vilnius, to access the fastest internet in Europe and to explore the marvelous country of Lithuania. Lying at the crossroads of East and West, being the geographical centre of Europe, Vilnius is never more than three hours away from any European destination by air. Vilnius, the capital of Lithuania, is the home of the President, the Seimas (Parliament), the Government and the Supreme Court. Diplomatic missions, educational, cultural, financial, research, and healthcare institutions are based here. Electrochemical science has a long and storied tradition in Lithuania. It is a key field of study at the Centre for Physical Sciences and Technology (FTMC), which houses a large electrochemical research facility where numerous specialized techniques are taught and practised. Additionally, significant electrochemical tests and studies are conducted in the Faculty of Chemistry and the Centre for Life Sciences at Vilnius University. Other universities, such as Vilnius Gediminas Technical University and Kaunas University of Technology, also use electrochemical methods in a number of applications. In addition to hosting the Annual ISE meeting in Vilnius in 1986, the Lithuanian electrochemists have organized the ISE sponsored "Theodor Grotthuss Electrochemistry Conference" and the "Chemistry and Chemical Technology 2016", dedicated to the 200th and 210th anniversaries of the first theory of electrolysis by Theodor Grotthuss, a world-famous scientist who spent most of his life in Lithuania. Special issues of "Electrochimica Acta" were entirely devoted to these successful conferences.

Scientific Scope of Conference

The theme comprises advances in electrochemistry in the areas of synthesis and characterisation of new electrode materials, including organic polymers and functional nanomaterials, as well as manipulation and characterisation of nano-objects such as nanoparticles and biological molecules. These materials are intended for investigation of biological objects such as cells or their by-products, including biomimetic materials – lipid membranes, active proteins and different metabolites. Studies combining electrochemistry with microscopy or spectroscopy are also within the scope of this topical meeting.

Scope

- i) Bioelectrochemistry (electrochemical methods: CV, amperometry, potentiometry, EIS – for the investigation of biologically active materials, proteins and small molecules).
- ii) New functional materials for the electrochemical investigation of biological objects (synthesis and characterisation, including combined methods with electrochemistry).
- iii) Formation of micro/nano-structures and micro/nano-electrodes for the investigation of biological objects.
- iv) Electrochemical investigation of lipid membranes.
- v) Biochemistry of living or fixed cells.

Local Organizing Committee

Asta Grigucevičienė, FTMC, Vilnius

Jurgita Juodkazytė, FTMC, Vilnius

Eimutis Juzeliūnas, KU, Klaipėda

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