About the Conference

The 21st International Conference on Solid State Ionics (SSI-21) is a world-class meeting devoted to all aspects of science, technology and applications of ion-conducting materials. SSI-21 will gather leading international scientists and engineers, providing an unparalleled opportunity to exchange ideas between people with different backgrounds and foster the development and professional growth of both young and experienced researchers alike. The topics of SSI-21 will cover fundamental and applied aspects of ion-conducting materials, both conventional and innovative. Fundamental studies, both experimental and theoretical, will find their justification in cutting-edge applications such as devices for the conversion and the storage of energy (e.g., batteries, fuel cells, redox flow batteries, electrolyzers, supercapacitors); microsystems; communication systems; and robots. SSI-21 will also cover the field of ionic in biologic systems and life sciences.

Conference Topics

SSI-21 will provide a comprehensive overview of all the areas of solid state ionics. The symposiums, which will be grouped in different macro-areas, will cover both the fundamental and the applied aspects of these materials.

Macro-Area 1: Energy and the Environment

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Macro-Area 2: Microelectronics, Communication Systems, Robotics

SSI-21 will also welcome and emphasize fundamental contributions on:

- “Cross-effect” phenomena
- Mesoscopic phenomena
- High-field effects
- Computational modelling and simulations

Location

Padua will be held in Padua, Italy, the cradle of the international scientific culture: the ideal location for all the researchers of today and of tomorrow in Solid State Ionics, providing a comprehensive overview of all the areas of solid state ionics. The symposiums, which will be grouped in different macro-areas, will cover both the fundamental and the applied aspects of these materials.

Important Dates

- 3 OCTOBER 2016: Opening of abstract submission and registration
- 9 JANUARY 2017: Deadline for abstract submission
- 9 JANUARY 2017: Notification of abstract acceptance
- 31 MARCH 2017: Deadline of early registration
- 31 MARCH 2017: Deadline for abstract submission
- 21st International Conference on Solid State Ionics

Padua is better known as the city of St. Anthony and it is one of the most exciting developments in the field.

Organizers

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Registration, hotel accommodation, social programme

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