



<https://iee-isgt-europe.org/>

October 10th-12th, 2022.
Novi Sad, Serbia

New call for paper



New deadline
May 5th



Together Towards Digitized, Decarbonised, and Distributed Smart Grids

The IEEE PES ISGT Europe 2022 (ISGT Europe 2022) is organized by IEEE Power & Energy Society (PES) and Faculty of Technical Sciences, University of Novi Sad.

The IEEE PES ISGT Europe 2022 will bring together academia and industry active in the field of Smart Grids, from research centers, universities, vendors, and utilities all around the globe.

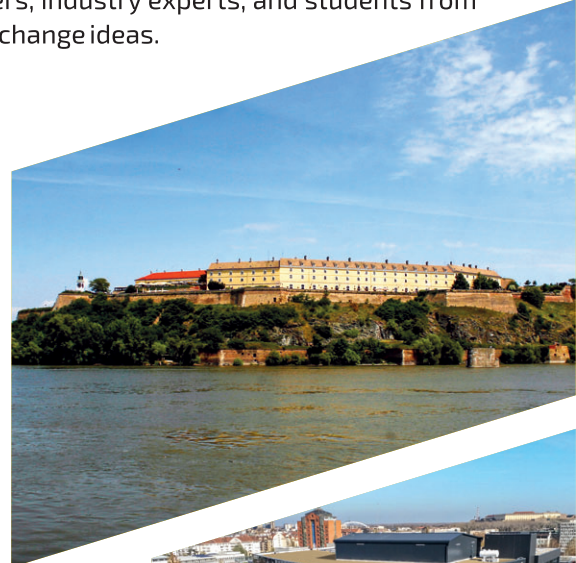
This conference will be a major forum in various areas related to Smart Grids spanning from electrical and electronics engineering to computer sciences and a great opportunity for researchers, industry experts, and students from all around the globe to convene and exchange ideas.

**Welcome
to ISGT EU
2022**

Venue: Novi Sad, Serbia

The magnificent city of Novi Sad is the second largest city in Serbia and the capital of the autonomous province of Vojvodina. The City's natural landscape and the numerous galleries, museums and monasteries make it one of the most popular destinations in the region. The city lies on the Danube river, which splits Petrovaradin fortress and the city center. Petrovaradin fortress, as a city's art center, is a place which mysterious underground keeps intriguing explorers from around the world, due to its rich history. Novi Sad is elected as European Youth Capital for 2019, as well as European Capital of Culture for 2022 thanks to its large cultural and creative potential. As one of the leading educational and research centers in Central Europe, the

University of Novi Sad is home to more than 50,000 students and 5,000 employees. Novi Sad is also host to some of the largest fairs in the region, including the IT, Agricultural, and others, which are held in the City's Master Center, the state of the art facility that can host up to one thousand attendees, and which will be the venue of the IEEE ISGT Europe 2022 as well!



Plenary Speakers



Plenary Speaker #1
Prof. Thomas J. Overbye



Plenary Speaker #2
Dr. Dejan S. Milojicic



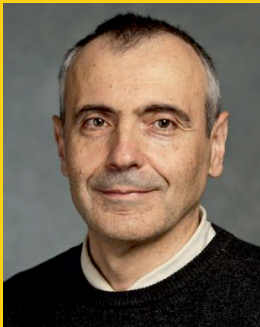
Plenary Speaker #3
Prof. Nikos Hatziargyriou



Plenary Speaker #4
Prof. Vladimir Terzija



Conference Honorary Chair
Prof. Frede Blaabjerg



Conference Honorary Chair
Prof. Aleksandar M. Stankovic



Conference Chair
Prof. Luka V. Strezoski



Conference Chair
Prof. Boris Dumnic



Technical Program Chair
Dr. Amirhossein Sajadi

ISGT Europe 2022



The scope of conference considers multi- and cross-disciplinary research related to smart grid and grid modernization. It welcomes the submission of previously unpublished papers that describe the recent findings and research and development in the following topics:

- Integration of variable renewable energy and distributed energy resources
- AC, DC, and AC/DC power systems and microgrids
- Demand response and demand side management
- Automation and management of active distribution systems
- Advancements in ADMS, DERMS, EMS, and OMS solutions
- Distribution and transmission system coordination
- Substation modernization and automation
- Cyber-physical and cybersecurity in smart grids
- Integration and management of energy storage systems
- Mass integration of electric vehicles
- Integration and operation power electronics-interfaced resources
- Computer modelling and simulation advances
- Grid resilience management and enhancement
- Data analytics, machine learning, and artificial intelligence in smart grids
- Communication and real-time connectivity in smart grid
- Supercomputing and quantum computing in smart grid
- Interactive buildings and transactive control
- Low-inertia and inertia-free power systems
- Future energy markets and energy policy
- Regulations, standards, and codes for smart grids
- Business models and ecosystem studies for smart grids
- Uncertainty management in smart grid planning, forecasting and operation
- Non-wire alternatives and grid flexibility
- Case studies from deployment of smart grid technologies around the world

It should be noted that the papers whose topic are close to the abovementioned topics but not explicitly mentioned, are encouraged for submission. Submissions from industry are highly encouraged.

Important Dates for papers

Full Paper Submission **May 5th 2022**
Notification of Decision July 20th 2022

Important Dates for panels

Panel Proposal Submission **May 5th 2022**
Notification of Decision July 20th 2022

Important Dates for registration

Early-bird Registration Opens **July 30th 2022**
Standard Registration Opens September 30th 2022

Conference Starts on October 10th 2022

Contact: isgteurope2022@uns.ac.rs