

CALL FOR PAPERS

2022 IEEE 8th INTERNATIONAL CONFERENCE ON ENERGY SMART SYSTEMS

IEEE ESS-2022

**IEEE Kyiv Polytechnic Week
at Igor Sikorsky Kyiv Polytechnic Institute
May 17-21, 2022, Kyiv, Ukraine**

CONFERENCE TOPICS

1. SMART ENERGY POWER AND ENERGY ENGINEERING

- Smart Power Generation, Operations and Planning
- Smart Grids Transmission and Distribution
- Resilient Power Systems and Smart Grid Management
- System Control, Wide-Area Monitoring and Protection
- Smart Metering and Safety

2. RENEWABLE ENERGY SYSTEMS AND DISTRIBUTED GENERATION

- Renewable Energy Systems and Power Electronics
- Intermittent Distributed Energy Resources and Network Integration
- Forecasting problems and Virtual Power Plant
- Electric Vehicles and Energy Storage

3. SMART CITIES AND BUILDINGS

- Smart Buildings and Resource Aggregation
- Home Area Networking and Smart Home Devices
- Internet of Things Applications for Distribution Management Systems
- Smart Grids and Social Infrastructure Challenges

4. SMART INDUSTRIAL APPLICATIONS AND CONSUMERS

- Power Electronics and System Integration
- Energy Management System and Demand Side Management
- Prosumerism, Customer Behavior and Attitudes
- Agent-based and Self-Organizing Solutions for Smart Grids

5. POLICIES, MARKETS AND CHALLENGES

- Smart Grid Architectures and Models
- Smart Grid Cyber and Physical Security
- Regulatory Aspects, Electricity Market and Power System Economics
- Energy Brokering, Business Models, Prosumers Aggregation

CONTACTS

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DEADLINES

Submission of Papers	FEBRUARY 28, 2022
Response of Reviewers	MARCH 25, 2022
Final Papers Submission	APRIL 10, 2022
Final Acceptance Notification	APRIL 20, 2022
Final Registration for Participation	MAY 1, 2022
Conference	MAY 17-21, 2022

Submitted papers must be unpublished and should not be submitted elsewhere at the same time. Size of the conference paper – 4 to 6 full A4 pages, prepared according [IEEE Proceedings format](#).

Paper submission is organized through <https://easychair.org/conferences/?conf=ess2022>

Submitted papers are subjects to three independent anonymous referee reviews. Official Conference language is **English**. All accepted papers, which where oral (or poster) presented at ESS-2022 will be submitted for inclusion to IEEE Xplore Digital Library and other A&I databases (Scopus and Web of Science).

PLEASE PAY ATTENTION THAT “NO-SHOW” PAPERS WON’T BE SUBMITTED FOR INCLUSION TO IEEE XPLORE DIGITAL LIBRARY.

ESS-2022 is considered to be delivered in a hybrid event format, combining an in-person conference experience with a virtual component using Zoom communications platform. However, the organizing committee with approval of IEEE sponsors will make the final decision on the format of the conference in March or April 2022, depending on the covid-regulation in Ukraine. The amount of the participation fee will be reconsidered by organizing committee for the virtual conditions and will be reduced by 50% for virtual participation from the cost provided in the following tables.

International participants

	REGULAR (before April 1, 2022)	LATE (after April 1, 2022)
IEEE Member	140 EUR	160 EUR
Non IEEE Member	175 EUR	200 EUR

Participants from Ukraine

	REGULAR (before April 1, 2022)	LATE (after April 1, 2022)
IEEE Member	700 UAH	900 UAH
Non IEEE Member	900 UAH	1100 UAH

