

IWED 2022

Call for papers

Virtual event



Russia
Section
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Contacts

Moscow Power Engineering
Institute,
Dep. of Electric Drives
Phone: +7-495-362-74-25
web: <http://iwed.science>
e-mail:
RassudovLN@mpei.ru
please include "IWED2022"
into e-mail subject

2022 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED)

Moscow Power Engineering Institute, Moscow, Russia, 26th – 29th of January 2022.

About the Workshop

The workshop on Electric Drives is an annual event held by the Department of Electric Drives at the National Research University «Moscow Power Engineering Institute». Over the past 28 years it has become one of the major events in the field of electric drive technology and attracts scientists and researchers from all over Russia and abroad to share their research experience. From 2018 year onward, and in order to further expand international scientific cooperation, the workshop is conducted in the English language and supported by the broadened international scientific committee including support from the IEEE (Russia Section IE/PE/PEL/IA Joint Chapter). The event is pending technical support from IEEE Industrial Electronics, IEEE Industry Applications, and IEEE Power Electronics Societies. The topic of the keynotes for the upcoming event is “Advances in Power Electronics for Electric Drives”.



Venue

The National Research University “Moscow Power Engineering Institute” is the leading power engineering institute in Russia having about 15,000 students from more than 60 countries. The event is scheduled as virtual due to COVID-19 situation. We hope to return to face-to-face format in 2023.

Committees

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Toomas Vaimann (TalTech, Estonia)

Dmitri Vinnikov (TalTech, Estonia)

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Keynotes & Tutorials

Miroslav Vasic (Universidad Politecnica de Madrid, Spain) –
GaN MHz Power Conversion: Faster, Smaller and Tougher.

Moumita Das (Indian Institute of technology Mandi, India) –
WBG-Devices on Modern Power Electronics and Electric Drives

Alecksey Anuchin (MPEI, Russia) – Exploring Inverter Topologies
for Machine-tool Drives

Mikhail Chervinsky (Cree) – TBA

More keynotes are under consideration

Preliminary Program

26 Jan: TBA

27 Jan: Workday 1: Topical Issues on Electric Drives

- Keynotes

- Selected papers on Advances in Power Electronics for Electric Drives

- Oral sessions

28 Jan: Workday 2: Young professionals' day

- Tutorials

- Oral sessions

- Best student paper award

29 Jan: TBA

Submit your paper at:

<https://easychair.org/conferences/?conf=iwed2022>

More information at: <https://iwed.science>

Topics

- Power Converters for Electric Drives
- Control Systems of Electric Drives
- Electrical Machines
- Industrial Applications of Electric Drives
- Electric Traction
- Energy Efficiency and Ecological Aspects of Electric Drives
- Electrical Engineering Education

Important dates

2022-01-07 Full paper submission

2022-01-15 Notification of acceptance

2022-01-23 Final paper submission

2022-01-23 Fee transfer deadline

Paper Submission

The papers should be full 4 to 6 pages long.

The working language of the conference is English, which will be used for all of the printed materials, presentations and discussions.

Zero participation fee for IEEE Student Members.

100% participation fee discount will be granted for 5 highly evaluated student papers (according to the reviewers' scores).

Best student paper awards will be provided.

All the accepted papers presented at oral or poster sessions will be submitted to **IEEE Xplore** database to be cross-referred in **SCOPUS** and **Web of Science**.

20% of the papers presented on the conference will be eligible for further review for having the possibility of publication in the **IAS Transactions** or **Magazine**.