



5th IEEE Workshop on the Electronic Grid

November 2–4, 2020
Aachen, Germany

www.egrid2020.org



Message from the General Chair, Prof. Rik W De Doncker, RWTH Aachen University and Annegret Wörndle, Chair IEEE RTWH Student Branch and Joint IAS/PELS/IES Student Chapter

The 5th IEEE Workshop on the Electronic Grid eGrid2020 goes fully virtual first week of November. The workshop offers exciting tutorials, panel discussions, technical sessions and key notes.

Among others, Minister Pinkwart, NRW Ministry of Economic Affairs, Innovation, Digitalization and Energy (MWIDE) will present the strategy of North Rhine Westphalia to reach CO₂ neutrality by 2050. C. Serre, Directorate General Energy, will explain us the European Commission's Green Deal. Dr. Wildberger, Member-of-the-Board of E.ON SE, gives his views on connectivity and digitalization of the distribution grid.

This workshop is sponsored jointly by the IEEE Power Electronics Society (<http://www.ieee-pels.org/>) and the IEEE Power & Energy Society (<http://www.ieee-pes.org/>), hosted at RWTH Aachen University, organized by the E.ON Energy Research Center (<http://www.eonerc.rwth-aachen.de/>) and the BMBF Flexible Electrical Networks Research Campus consortium (<https://fenaachen.net/>). The workshop is supported by IEEE [Joint IAS-PELS-IES German Chapter](#), the IEEE [German PES Chapter](#) and the [IEEE RWTH Student Branch](#) & Joint Chapter Aachen.

Five tutorials are offered by world renowned experts and IEEE distinguished lecturers.

- (1) Measurement techniques in modern converter driven grids (Prof. P. Pegoraro, e.a.)
- (2) Control and protection of multiterminal grids (Prof. A. Monti, e.a.)
- (3) SiC devices and packaging for solid state transformers (Prof. Jay Baliga, e.a.)
- (4) Grid connected batteries (Prof. DU Sauer)
- (5) Intelligent DC substations (Prof. De Doncker)

Do not hesitate, take a look at <http://www.egrid2020.org/>
or <https://egrid2020.org/egrid2020/tutorials/>

- eGrid2020 offers **IEEE Student Members special conditions** to attend tutorials, keynotes and workshops.
- The registration cost has been reduced down to 50 Euro
- Any full registration of your professor or assistant can invite up to three IEEE Student Members (Students and PhD Assistants) to attend a tutorial.

 Steps to take:

1. Ask your supervisor if he or she can invite you to attend a tutorial
2. If you are not yet an IEEE Student member, register (cost 28 \$) via <https://www.ieee.org/membership/join/index.html>
3. Check the tutorial web page and select a tutorial <https://egrid2020.org/egrid2020/tutorials/>
4. Register with the free registration access code that was given to you by your supervisor