

# Announcement and Call for Proposals

for

## SEMIKRON Innovation Award

## SEMIKRON Young Engineer Award

awarded by the SEMIKRON Foundation

The SEMIKRON Innovation Award and the SEMIKRON Young Engineer Award is given for outstanding innovations in projects, prototypes, services or novel concepts in the field of power electronics in Europe, combined with notable societal benefits in form of supporting environmental protection and sustainability by improving energy efficiency and conservation of resources.

Both prizes have been initiated and are donated by the SEMIKRON Foundation which is awarding the prizes in cooperation with the European ECPE Network.

With the award the SEMIKRON Foundation wants to motivate people of all ages and organisations of any legal status to deal with innovations in power electronics, a key technology of the 21<sup>st</sup> century, in order to improve environmental protection and sustainability by energy efficiency and conservation of resources.

The SEMIKRON Innovation and Young Engineer Prizes 2022 will be awarded in the frame of the ECPE Annual Event 2022 in Berlin, Germany. A single person or a team of researchers can be awarded.

- SEMIKRON Innovation Award includes prize money of EUR 10.000,00.
- SEMIKRON Young Engineer Award for researchers who have not yet completed their 30<sup>th</sup> year of age includes prize money of EUR 3.000,00.

### Selection criteria:

#### **Degree of innovation:**

The award targets at projects, prototypes, services and novel concepts developed in Europe, which did not yet appear on the market, which are used in a novel application, or which form an absolute novelty, and therewith fulfil the requirement to be extraordinary and remarkable. Sole project proposals are not in the scope of the call, the innovation should have been verified by experiment or simulation. The degree of innovation has to conform to international standards.

#### **Societal benefit:**

Societal benefit of the innovation regarding the increase of energy efficiency, conservation of resources, sustainability and environmental protection.

### Selection procedure:

The selection procedure for the prize winners is organized in cooperation with ECPE European Center for Power Electronics e.V.. The submitted proposals will be passed to an independent and neutral evaluation committee of experts for discussion and assessment. The expert reviewers are appointed by the SEMIKRON Foundation in agreement with the ECPE Board of Directors. The number of experts should be at least five. The evaluation committee decides on the submitted proposals by majority vote. Selection and awarding of the prize winners is done with exclusion of the jurisdiction.

To apply for the SEMIKRON Awards own applications as well as proposals from third parties are welcomed.



**Proposal / Application**  
for the  
**SEMIKRON Innovation Award**  
**SEMIKRON Young Engineer Award**

The deadline for submission ends on 18.01.2022!

Please send your proposal resp. your application with the reference 'SEMIKRON Innovation Award' by email to Thomas Harder, General Manager of ECPE e.V., [thomas.harder@ecpe.org](mailto:thomas.harder@ecpe.org). The receipt of your proposal will be confirmed by email immediately.

Your proposal comprising 3-5 pages in total should be structured according to the headline given below and submitted in English language.

**1. Front page**

*The front page should show the title of the proposal, an abstract, the name and affiliation as well as a short CV (incl. exact date of birth) of the candidate(s) or applicant(s).*

**2. Description of the innovation**

*Description of the innovation with the underlying project, prototype, service or the novel concept. The innovation should be clearly pointed out with the area and scope of possible applications.*

**3. Who will be awarded?**

*Shall a single person or a team of researchers be awarded?  
At which location did the innovation take place?  
Age and CV of the person(s) to be awarded?*

**4. What is the nature of the innovation?**

*What is the claim of being innovative?*

**5. What is the societal impact and benefit?**

*Description of the economic, ecological and societal benefits of the innovation in qualitative and if possible also in quantitative terms (e.g. conservation of resources, energy efficiency, environmental protection)*

