

IFAC TC Award

IFAC TC Award Young Author Publication

on Optimization and Control of Power and Energy Systems

IFAC TC number: 6.3 Power and Energy Systems

Objective

The *Optimization and Control of Power and Energy Systems Young Author Publication Award* gives an award to the best paper (from young authors. i.e., under 35 years old) that has been published in one of the IFAC international journals (<https://www.ifac-control.org/publications/journals>) in the field of optimization and control of power and energy systems. The contribution may include any of the following: theoretical concepts, technological products, control engineering realizations, actions promoting the field in academic and industrial contexts.

Nomination procedure

The Power and Energy Systems Award Selection Committee of the International Federation of Automatic Control (IFAC) requests nominations for this Award.

Each nomination has to be made by a nominator responsible for the candidature. Self-nominations are not allowed.

On a single page (11 pt font, A4), the candidature should include information about the details of one significant IFAC publication:

1. paper title and abstract, IFAC Journal name;
2. approximately a half-page description of the paper's contribution to the field of optimization and control of power and energy systems; and
3. details/evidence of the impact of the work.

The candidature should also provide a brief 1 page CV of the young author.

Eligibility

The current TC6.3 Chair, TC6.3 Vice Chairs, and the members of the TC Power and Energy Systems Award Selection Committee are not eligible. The young author should be less or equal to 35 years old and should be the 1st author or corresponding author (in the case of alphabetical order).

Selection criteria

The selection is based on a single publication including:

- quality and impact of the publication;
- methodological contribution in the field of optimization and control of power and energy systems;
- impact of the work demonstrated with realistic case studies industrial applications.

Selection process

At least 6 months before the award is given, a TC Award Selection Committee consisting of at least three members is nominated by the TC Chair, and approved by the TC through an (email) vote. The TC Award Selection Committee is managed by the actual TC vice-chair on Awards, but should not include the current TC Chair and other Vice-Chairs, and should contain well established persons in the domain of the TC. The decision on awarding a TC Award is made by the TC Award Selection Committee.

Based on a call for nominations, published by the TC, nominations for the Award will be collected by the TC Award Selection Committee. Self-nominations are not allowed, and the current TC Chair and Vice-Chairs of the TC are not eligible.

Members of the TC Award Selection Committee cannot act as nominator, nominee or reference of the TC Award. In case of conflict of interests, TC Award Selection Committee members need to resign and possibly be replaced in order to have a committee of at least three members.

Frequency of the award and occasion of award ceremony

The award is given every year and the award ceremony will be in occasion of TC Workshop and/or Symposium. No TC Award ceremonies during the IFAC World Congress. If no TC event is foreseen in the specific year, the award will be given during the meeting of the TC.

Key dates for the 2025 Awards

March 15, 2025: deadline for nomination

May 31, 2025: selection of the winner

IFAC SENSYS Workshop (June 18-20 2025): award announcement

<https://conferences.ifac-control.org/sensys2025/>

Publication date of awardable papers: 2022-2024

