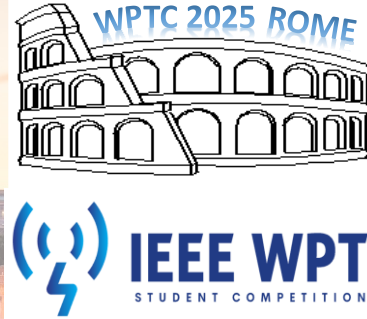


# Call for 1<sup>st</sup> Stage Student Projects

## IEEE Global Student Wireless Power Competition



### IEEE WPTCE 2025, 3-6 June

### Rome, Italy

The **IEEE Global Student Wireless Power Competition** encourages young generations to join research and development of WPT (Wireless Power Transfer) technologies, and demonstrates WPT capabilities for promoting public acceptance and practical applications of WPT systems.

### Participants

Teams can include undergraduate and/or postgraduate students that are still registered by December 2024. High school students may also join in special cases. Staff members can only serve as advisors.

### First stage

**Initial design project proposal:** a project proposal **within 10 pages** (in a single column standard technical report format, excluding appendices) should at least contain an introduction, objectives of the project, design concept, budget, conclusion and a list of the references cited. Project proposals exceeding the number of pages will lose 10% of the points per extra page.

For double blind review, personal information such as name of students, university and project should be submitted in separate. Any proposal with disclosed names of universities and/or students will be disqualified for competition.

Assessment of initial proposal:

- Novelty of the project (20%);
- Correctness of the concepts and theoretical analysis (20%);
- Results and/or final performance (20%);
- Potential of an impressive live demonstration (40%).

**The top 15 ranked projects advance to the next phase and will be awarded with an IEEE certificate and will receive a grant of 850 EUR**

### Important Dates

- Oct 31, 2024** | Design proposal submission deadline
- Nov 15, 2024** | Awardees notification and 15 finalist nomination
- May 10, 2025** | Video upload
- June 3-6, 2025** | WPTCE 2025 dates

### Second stage

**1) Selected teams** are required to create a **short video** explaining how the project works and demonstrating the power transfer. The video should be no longer than 10 minutes and it should show all parts of the project.

**2) Onsite with practical demonstrations:** at the 2025 IEEE Wireless Power Technology Conference and Expo (WPTCE).

**The projects will be evaluated based on the videos and the on-site demonstration by a qualified jury. The top three projects will receive a final award during the conference.**

### How to participate

Send the **initial design project proposal** as a PDF to [wptce2025@gmail.com](mailto:wptce2025@gmail.com) before **October 31, 2024**.

Please use the following format for the e-mail subject and PDF file name as follows: **"StudentDesign\_Title\_yourname"**.

**Website:** <https://ieee-wptce.org/>

**Contact:** [wptce2025@gmail.com](mailto:wptce2025@gmail.com)

\* Formerly IEEE MTT-S Wireless Power Transfer Conference (WPTC) & IEEE PELS Workshop of Emerging Technologies: Wireless Power (WoW) and part of Wireless Power Week



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