

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.

Awards: – IEEE certificate, plus US\$1,000 to each of the chosen teams dependent on receipts. Up to 20 teams will be awarded based on first stage proposals.

Procedure

The competition includes three stages:

1) 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 loose 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%).

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



important Dates	
Oct 17, 2024 (TBD)	
	submission
Nov 17, 2024 (TBD)	Awardees notification
Dec 15, 2024 (TBD)	Receipts submission
Jan, 2024 (TBD)	Design report
	submission
Feb, 2024 (TBD)	Acceptance notification
May 8-11, 2024	WPTCE 2024 dates

- 2) Design project report: a project report 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, results, conclusion and a list of the references cited. Project proposals exceeding the number of pages will loose 10% of the points per extra page.
- **3) Onsite with practical demonstrations**: at the 2024 IEEE Wireless Power Transfer Conference and Expo (WPTCE).

Participants

Teams can include undergraduate and/or postgraduate students that are still registered by December 2023. High school students may also join in special cases. Staff members can only serve as advisors.

Conference venue:

Uji Campus of Kyoto University

Website: https://ieee-wptce2024.org/

Contact: ieee.wpt.studentscommittee@gmail.com

