Call for proposals for hosting the IEEE Wireless Power Technology Conference and Expo (WPTCE) in Region 10 in 2027.

WPTCE is the leading conference and expo focused solely on wireless power technologies (https://ieee-wptce.org/). The conference is jointly funded by IEEE MTTs and PELs societies, and overseen by a joint steering committee comprising representatives from both societies. WPTCE is also being actively supported by the IEEE WPT initiative (https://wpt.ieee.org/).

The conference circulates annually from the Americas, Asia-pacific and Europe. WPTCE 2023 was in San Diego USA, WPTCE 2024 was in Kyoto Japan, WPTCE 2025 is in Rome Italy, and WPTCE 2026 is planned for Halifax Canada.

The conference covers technology develops across a wide spectrum of wireless power applications. The conference features keynote speeches, tutorials, workshops, student postgraduate school and competition, a WIE Event, and industry exhibitions, all of which are supported by the local organisers. Topics of interest are broadly characterised as:

- Theories and techniques for wireless power transfer
- Devices and systems for short- and long-distance wireless power transfer
- Industrial applications, issues and regulations
- Engineering wireless power into roadways
- Econometrics of wireless power transfer systems
- Microwave/mm-Wave wireless power transfer
- Solar power transfer
- RF energy harvesting
- EMC and EMI related topics with wireless power transfer
- Mixed wireless power and information transfer
- Biomedical and healthcare applications
- Emerging techniques and applications

We are now seeking proposals from interested institutions and industries for hosting this conference in Region 10 in 2027.

Proposals should be sent to the Steering committee chairs no later than December 31st 2024:

Professor Simon Hemour (simon.hemour@u-bordeaux.fr)

Professor Paul Mitcheson (paul.mitcheson@imperial.ac.uk)

Proposals should detail the following:

- Planned location: Country and City
- Tentative time schedule (usually June/July)
- Names of Joint Chairs (one of whom must be active in MTT-s and the other in PEL-s) and background information on academic and industry standing related to WPTCE topics, including expertise for running conferences.
- Local support available to host the event.
- Possible conference venue
- Other supporting information on the likely venue suitable for running the various activities needed for a successful event including:

  - The post-graduate school, workshops, conference and Expo.

  - Local attractions and activities