AWPT 2022
Asian Wireless Power Transfer Workshop
December 5-6, 2022 | Kyoto, Japan

Call for Papers https://www.ieice.org/~wpt/international/AWPT2022/

About AWPT 2022 Wireless Power Transfer (WPT) has become one of the hottest research topics for its huge industrial application potential. Starting in 2015, Asian Wireless Power Transfer Workshop (AWPT) aims to provide a platform for researchers to share the latest research and development results related to the WPT technology. To continue promoting exchanges and collaborations among researchers and fostering further technology advances, AWPT2022 will be held at Kyoto University, Kyoto, from December 5 to 6, 2022. AWPT is organized by the technical committee of wireless power transfer of IEICE Communications Society.

Important Dates

- ✓ **Sept. 9 2022** Deadline for abstract submission
- ✓ **Oct. 31 2022** Notification of acceptance
- ✓ **Nov. 10 2022** Deadline for paper submission
- ✓ **Dec. 5-6 2022** AWPT2022

Organizing Committee

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Technical Areas

Wireless power transfer and energy harvesting
- ✓ Near-field (inductive, resonant) power transfer
- ✓ Microwave transmission and beaming

Wireless power transmitters and receivers
- ✓ High-frequency rectifying circuits and devices
- ✓ Rectennas and rectenna arrays

Integrated circuits and systems
- ✓ Integrated AC-DC rectifiers and DC-DC converters
- ✓ RF energy harvesting, self-powered sensors
- ✓ RFID and electronic tags
- ✓ Integrated circuits for biomedical devices

Applications of wireless power transfer
- ✓ Mobile and personal devices
- ✓ Home/Industrial-appliances
- ✓ Standardization, regulations and biological effects

Space Solar Power Station (SSPS)
- ✓ WPT key technologies for SSPS
- ✓ Space energy collection and conversion

Other devices, systems, or applications related to wireless power transfer
- ✓ Power conditioning
- ✓ Power control methods
- ✓ Efficiency improvement techniques
- ✓ 5G/Beyond-5G/6G systems
- ✓ Internet of things (IoT)

The workshop is organized by the Technical Committee on Wireless Power Transfer of IEICE Communication Society.

AWPT2022 Secretariat: wpt+awpt2022finance(at)mail.ieice.org

IEICE Communications Society