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Wireless Power Week

**IEEE MTT-S Wireless Power Transfer Conference (WPTC) &
IEEE PELS Workshop on Emerging Technologies: Wireless Power (WoW)**
www.wpw2019.org

London, 17-21 June 2019

Imperial College
London

TU/e Technische Universiteit
Eindhoven
University of Technology

Important dates

Paper submission 25/1/2019

Paper notification 15/3/2019

Final papers due 26/4/2019

Paper submissions for WPW2019 are normally in the form of 2-page abstract in standard IEEE 2-column format for the review process. A final 4-page paper in standard IEEE 2-column format will be required for the proceedings. Please note, you may also submit a 4-page paper for review, instead of a 2-page abstract, if preferred.

Technical topics

Track 1 (WoW1/WPTC1): Technologies for Wireless Power Transfer Systems

- Near-field (inductive, resonant) power transfer
- Power management and power electronics
- Coils, resonators, ferrites, modelling, simulation and design
- Static and dynamic wireless charging
- Directional and omni-directional wireless power transfer

Track 2 (WoW2/WPTC2): Applications of Wireless Power Transfer and Energy Harvesting

- Mobile and personal devices
- Home/industrial applications
- Engineering wireless power into roadways
- Biomedical implants and medical devices
- Standardization, regulations and biological effects
- Economic benefits from wireless power transfer

Track 3 (WPTC3): Transmitters, Receivers, Circuits and Systems for Wireless Power Transfer and Energy Harvesting

- Coil and antenna design
- Microwave transmission and beaming
- High-frequency AC-DC rectifier circuits
- Rectennas and rectenna arrays
- RFID and electronic tags
- Integrated circuits for Wireless Power Transfer and energy harvesting systems

Track 4 (WoW3/WPTC4): Devices, Systems and Technologies Related to Wireless Power Transfer and Energy Harvesting

- Environmental and health effects
- EMC/EMI, shielding and co-existence of wireless power and signal transfer
- Internet of Things (IoT) and 5G
- Efficiency improvement techniques
- Wide bandgap device components and circuits