

# 2019 Asian Wireless Power Transfer

## Workshop (AWPT2019)

October 31- November 2, 2019 | Xi'an, China

<https://www.ieice.org/~wpt/international/AWPT2019/>

### Call For Papers

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#### ABOUT AWPT 2019

The Asian International Workshop on Wireless Power Transfer (AWPT) is a forum for researchers to share the latest research and development results on wireless power transfer technology and applications. AWPT2019 will be held at Xidian University, Xi'an, P. R. China, from Oct. 31th to Nov. 2nd, 2019. AWPT2019 is co-organized by Xidian University, the technical committee on wireless power transfer of IEICE Communication Society, and the MTT and AP chapters of IEEE Xi'an Section. Xi'an is one of the Four Great Ancient Capitals of China for it has been the capital of 13 dynasties, including the Zhou, Qin, Han, and the Tang. Xi'an is also renowned for being the eastern terminus of the Silk Road and for the location of the Terracotta Army from Qin Dynasty. AWPT 2019 will not only provides excellent opportunity for academic exchanges but also allows attendees to enjoy the culture and natural beauty of China.

#### 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 device, system or application topics

Power conditioning  
Power control methods  
Efficiency improvement techniques  
5G mobile network  
Internet of things (IoT)



西安电子科技大学  
XIDIAN UNIVERSITY



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Special Issue in IEEE J-ERM  
for AWPT2019

#### Important Dates

- Aug. 10 2019** Deadline for abstract submission (Title, authors, and 100 word abstract)
- Sep. 26 2019** Acceptance notice
- Sep. 26 2019** Deadline for final paper submission
- Oct. 10 2019** Deadline for registration