



# IEEE Wireless Power Transfer Conference 2015

## Technology, Devices, Systems

### May 13-15, 2015, Boulder, Colorado, U.S.A.

[www.wpttc2015.org](http://www.wpttc2015.org) Submission deadline: January 30, 2015

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## Call for Papers

Driven by consumer awareness and demand for convenient charging, multiple technology approaches have been put forward and are active in the market. These approaches reflect the considerable growth in research and development of technologies for WPT. In response, a new technical committee of the IEEE MTT Society (TC-MTT-26) was formed in 2011 that focuses on wireless energy/power transmission, energy harvesting/conversion and related technologies. Following a successful meeting in Kyoto, Japan in 2012 (IMWS-IWPT2012), a new conference on wireless powering, rotating between Europe, Asia and North America, started in Perugia, Italy in 2013 and was followed by WPTC2014 in Jeju, Korea. The 2015 WPT conference will be held in Boulder, Colorado, USA, supported by TC-MTT-26, endorsed by TC-MTT-24 (RFID-Technologies) and hosted by the University of Colorado, Boulder. The meeting is intended to cover a broad range of areas related to devices, components, systems and applications of WPT across the electromagnetic spectrum.

## Technical areas

1. Basic technologies for wireless power transfer systems
  - Near-field (inductive, resonant) power transfer
  - Microwave transmission and beaming
  - Coils, resonators, and antennas
  - Power management and power electronics for WPT
  - EMC/EMI, Shielding
2. Power transmitters and receivers for wireless power transfer systems
  - High-frequency power transmitters and devices
  - High-efficiency rectifying circuits and devices
  - Rectennas and rectenna arrays
  - Devices and techniques for energy harvesting and scavenging
3. Applications of wireless power transfer technologies
  - Mobile and personal devices
  - Home/Industrial-appliances
  - Electric vehicles
  - RF-ID and electronic tags
  - SPS and space/aeronautic applications
  - Medical and biological devices
  - Standardization, regulations and biological effects
4. Other device, system or application topics





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May 13-15, 2015, Boulder, Colorado, U.S.A.

**Venue:** University of Colorado, Boulder, U.S.A.

**Web site:** [www.wptc2015.org](http://www.wptc2015.org)

### Important dates:

- Deadline for Submission of Preliminary Paper : **January 30, 2015**  
Submission Guidelines: Authors are invited to submit no more than four-page paper in English. The paper should explain clearly the content and relevance of the proposed technical contribution. The paper will be peer-reviewed. Please use the On-Line-Submission system.
  - Notification of Acceptance : **March 5, 2015**
  - Deadline for Submission of Final Paper : **April 5, 2015**
  - Conference Date : **May 13-15, 2015**
- Accepted papers will appear in the WPTC-2015 conference proceedings and will be included in IEEE Xplore.
  - A WPTC-2015 Prize will be given to the Best Conference Paper, selected by the WPTC-2014 Awards Committee

### Registration Fee:

**PRESENTING AUTHORS MUST PRE-REGISTER BY April 30, 2015**

(Only pre-registered paper will be published in the final technical program and IEEE Xplore)

|  | IEEE Members | Non-IEEE Members | Students and Life Members |
|--|--------------|------------------|---------------------------|
| Early registration<br>(by March 31)            | \$ 350       | \$ 400           | \$ 150                    |
| Late (by April 30) and<br>on-site registration | \$ 450       | \$ 500           | \$ 250                    |

### Conference dinner reception, lunches and coffee breaks:

Conference registration includes coffee breaks, lunches, a welcome reception and a dinner on Thursday night.

**Conference hotel:** Millennium Harvest House, Boulder 1345 28th St, Boulder, CO 80302  
[www.millenniumhotels.com/usa/millenniumboulder/](http://www.millenniumhotels.com/usa/millenniumboulder/)

**Contacts:** Organizing committee [wptc2015@colorado.edu](mailto:wptc2015@colorado.edu)

