

CALL FOR PAPERS

IEEE PELS Workshop on Emerging Technologies: Wireless Power (2015 WoW)

June 5-6, 2015, KAIST KI Building, Daejeon, Korea
(<http://www.2015wow.org>)



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Welcome Message

Wireless power transfer is increasingly and more widely used in recent years. As wireless communications have changed and dominated our lives and business dramatically, wireless power can be expected to meet the desire of people to get free from wires and fear of battery discharge. Different from the wireless communications, however, wireless power needs much more innovations and efforts to open the ubiquitous wireless power era. To promote the development of wireless power technologies, the first workshop on wireless power co-sponsored by IEEE PELS, IAS, IES, VTS, MAGNETICS, PES will be held at one of the leading research institute for wireless electric vehicles, KAIST. It is recommended for advanced engineers to present their papers at this workshop, where a few plenary speakers present their recent achievements.

Conference Tracks

1. Wireless powers for mobile devices
2. Wireless powers for electric vehicles
3. Wireless powers for industry application
4. Wireless powers for home appliances
5. Converters for wireless powers
6. Analytical methods for wireless powers
7. Environmental impacts of wireless powers
8. Magnetics and coil designs for wireless powers
9. Components and EMC designs for wireless powers
10. Modeling, simulation, and control of wireless power systems
11. Historical papers, reviewing previous researches

Important Dates

Deadline for abstract submission:

Notification of acceptance:
Deadline for final manuscripts:

Jan. 31, 2015

Mar. 31, 2015

May 5, 2015

Submission Guidelines of Regular Papers

Prospective authors are asked to submit their papers through the workshop website (<http://www.2015wow.org>). Papers should make a timely contribution to state-of-the-art technology, be of high technical and editorial quality, and be devoid of commercialism. Each paper proposal must include: technical track number and name, paper title, name(s) of author(s), business affiliation(s), mailing address(es), phone and fax numbers, and e-mail address(es) and corresponding author(s).

An abstract of **50-100 words** and a digest of **3-5 pages** (including figures and tables) should include stating the objective of the paper, outlining the problem requiring solution or the method of approach to research, being explicit with respect to the type of data and summarizing the conclusions. It should clearly define the concepts and novel features, and all submitted papers from the 2015 WoW can be further considered for review by Journal of Emerging and Selected Topics in Power Electronics (J-ESTPE)

Plenary Speakings & Dialog Sessions on Wireless Power

Worldwide outstanding specialists in wireless power are invited to deliver plenary talks, and dialog sessions for emerging issues on wireless power will be provided.

Special Activities

In the 2015 WoW, there are two special activities for all volunteers; 1) Riding of On-Line Electric Vehicle (OLEV) and 2) Guided tour heading for Gongju & Buyeo cities which are the ancient Korean capitals around Daejeon.

For more information, please see the 2015 WoW web site.