

2014 IEEE VTC Workshop on Emerging Technologies: Wireless Power (2014 IEEE VTC-WoW)

18 May 2014

Seoul, Korea

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Welcome Message

Wireless power transfer is increasingly and more widely used in recent years. As wireless communications has changed and dominated our lives and business dramatically, wireless power is expected to make people 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 workshop on wireless power sponsored by IEEE will be held in Seoul, Korea as a part of VTC conference. 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 (smart phones, tablet PC, etc.)
2. Wireless powers for electric vehicles (PHEV, BEV, RPEV; bus, train, etc.)
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

Important Dates

Deadline for abstract submission:

Notification of acceptance:

Deadline for final manuscripts:

1 February 2014

15 February 2014

15 March 2014

Submission Guidelines of Regular Papers

Prospective authors are asked to submit 5-page maximum for final manuscripts; up to 2 additional pages can be purchased at a cost of \$ 100 per page. For the submission, please use the website: (<http://vtc2014spring-wk.trackchair.com>). 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 main context including figures and tables should be presented, 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. All submitted papers from the 2014 IEEE VTC-WoW can be further considered for review by Journal of Emerging and Selected Topics in Power Electronics (J-ESTPE).

The standard IEEE template for conference papers is recommended for the final manuscript and it can be found at the following website:

(http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

Plenary Speakings on Wireless Power

Special talks on wireless power will be provided by worldwide experts.