

IEEE★USA Conference Brief

The IEEE-USA Conferences Committee Newsletter for IEEE-USA Co-sponsored Conferences

Volume 3, Number 5

Dear IEEE Member,

We're getting ready for fall here in the Nation's Capital, and it's time for your bi-monthly edition of the IEEE-USA Conference Brief.

Look at all of the exciting, upcoming IEEE-USA co-sponsored technical conferences and events to plan for on your 2014 calendar!

If you know of a conference, seminar, or workshop you think IEEE-USA should consider co-sponsoring; or if you have an idea for a new one -- locally or nationally -- please don't hesitate to contact me.

Best regards,

Charles Rubenstein (c.rubenstein@ieee.org)
Chair, IEEE-USA Conferences Committee

UPCOMING CONFERENCES

(please scroll down for details on individual conferences and events)

When	Where	Conference
10-13 October 2014	San Jose, Calif.	2014 IEEE Global Humanitarian Technology Conference (GHTC)
27-28 October 2014	Ronkonkoma, N.Y. (Long Island)	IEEE NewNEB DC Power Utility Conference & Exhibition (NewNEB 2014)
30-31 October 2014	Noordwijk, The Netherlands	2014 IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE)
3-7 November 2014	Vienna, Austria	2014 International Conference on Connected Vehicles & Expo (ICCVE)
13 December 2014	Philadelphia, Pa.	2014 IEEE Signal Processing in Medicine and Biology Symposium (SPMB14)
14-16 April 2015	Waltham, Mass. (Boston Area)	2015 IEEE International Symposium on Technologies for Homeland Security (HST '15)

FEATURED CONFERENCE



2014 IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (GHTC)
October 10 - 13, 2014 | Silicon Valley/San Jose, California USA

Technology for the Benefit of Humanity www.ieeeghtc.org

IEEE
Advancing Technology for Humanity

The banner features a central image of hands holding a globe with a network of lines, surrounded by a circular logo with the text 'IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE'. To the right is a smaller photo of a group of people, and the IEEE logo is in the bottom right corner.

2014 IEEE Global Humanitarian Technology Conference (GHTC)

Conference Date: 10-13 October 2014

Location: Holiday Inn San Jose-Airport; Silicon Valley (San Jose, Calif.)

Web: <http://www.ieeeghtc.org/>

GHTC is a voice amplifier and a forum for hot technological, social and philosophical debates on the world's urgent human necessities. The third cross-disciplinary annual conference will again bring together communities and individuals -- engineering, science, technology, industry, academe, government agencies, NGOs, charities, and funders -- interested in applying technology to develop effective solutions for the challenges facing the world's underserved.

Conference Mission:

- Promote science, engineering and technology as key to development of solutions to humanitarian problems
- Foster exchange of information and networking in the humanitarian field
- Focus attention of businesses on emerging market and social entrepreneurship opportunities
- Impact in positive and meaningful ways the lives of disadvantaged billions around the world

Why Attend?

- Participate in an extensive, vibrant and innovative technical program
- Learn from world-class knowledgeable practitioners working in the field
- Exchange information, share experiences and network with actively involved attendees
- Gain visibility and recognition for your humanitarian work and projects
- Find new resources, ideas and potential partners or investors

[Register Now](#)



FEATURED CALLS FOR PAPERS & IMPORTANT DATES

The IEEE Signal Processing in Medicine and Biology Symposium (SPMB14)



When: 13 December 2014

Where: Howard Gittis Student Center, Temple University
(Philadelphia, Pa.)

Web: http://www.isip.piconepress.com/conferences/ieee_spmb/2014/

The Philadelphia Section of the IEEE and the Philadelphia Section of the IEEE Signal Processing Society invite you to participate in a single-day symposium designed to promote synergy between the healthcare industries and signal processing researchers. This year's program features a special emphasis on big data applications. Featured topics include: Analysis of Biomedical Signals; Medical Imaging and Analysis; Signal Processing in Bioinformatics; Brain-Computer Interfaces; Big Data Applications in Bioengineering; Machine Learning for Big Data; Nonlinear Dynamics and System Models; and Data Resources and Evaluation Frameworks.

Papers of general interest to the disciplines of signal processing and bioengineering are also welcome. The symposium format will include two plenary talks, oral presentations and poster sessions. We particularly encourage graduate students to participate and present their current research. Live technology demonstrations and exhibits are also encouraged.

Call for Papers/Important Dates:

Notification: 15 October 2014

Early Registration: 15 November 2014

Final Submission: 1 December 2014



2015 IEEE International Symposium on Technologies for Homeland Security (HST '15)



When: 14-16 April 2015

Where: Westin Hotel, Waltham, Mass. (Boston area)

Web: <http://ieee-hst.org/>

Produced by IEEE with technical support from DHS S&T, IEEE Boston Section, IEEE Biometrics Council, and IEEE-USA and organizational support from MIT Lincoln Laboratory, Raytheon, Battelle, and MITRE, this event will once again showcase selected technical paper and posters highlighting emerging technologies in the areas of: Cyber Security; Attack and Disaster Preparation; Recovery and Response; Land and Maritime Border Security; and Biometrics and Forensics.

Call for Papers/Important Dates:

Final Paper Submission and Tutorial Proposal Deadline: 1 November 2014
Paper, Poster and Tutorial Acceptance Notification: 15 December 2014



CALLS FOR PAPERS, PRESENTATIONS, EXHIBITS & REGISTRATION

27-28 October 2014

IEEE NewNEB DC Power Utility Conference & Exhibition (NewNEB 2014)

Conference Date: 27-28 October 2014

**Location: Clarion Hotel & Conference Center - Long Island
(Ronkonkoma, N.Y.)**

Web: <http://www.newneb.org/>



- Brought to you by IEEE-USA and your local IEEE sponsors
- Experience an event uniquely focused on emergency DC utility power
- Share ideas and concerns with other electric utility professionals
- Hear from and speak to industry experts
- Learn about NERC and FERC from both the rule makers and the implementers

The first annual IEEE NewNEB DC Power Utility Conference & Exhibition (NewNEB 2014) is uniquely devoted to the reliability of DC power in an electric utility environment. It focuses specifically on topics important to the DC power utility industry. Featured products and developments will include, but are not limited to, batteries, battery chargers, control systems, diagnostic and testing, communications capabilities, and much more. This year's conference examines system reliability, and the influence of NERC requirements in shaping the DC power utility system. NewNEB will draw from the industry at large, regulators, rule makers, utilities, manufacturers, educational institutions, and consultants to provide qualified conference speakers.



30-31 October 2015

2014 IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE)

Conference Date: 30-31 October 2014

**Location: European Space Agency, ESTEC, Noordwijk, The
Netherlands**

Web: <http://sites.ieee.org/wisee/>



The second annual 2014 IEEE International Conference on Wireless for Space and Extreme

