

# IEEE★USA Conference Brief

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

Volume 3, Number 6

Dear IEEE Member,

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

We have one last 2014 conference scheduled for December, but planning is well under way for the IEEE-USA's portfolio of 2015 co-sponsored conferences and exhibitions addressing diverse areas of policy and professionalism. Do take a moment to consider making a presentation at one of these upcoming IEEE-USA co-sponsored conferences. Also consider adjusting your schedule to participate in one or more of these established conferences, planned for 2015. As always, 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 event -- locally or nationally -- please don't hesitate to contact me.

Best regards,

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

## UPCOMING CONFERENCES (scroll down for more details)

### 2014 IEEE-USA Conferences Calendar

(Co-sponsored and/or where IEEE-USA has an Exhibition Booth)

When	Where	Conference
13 December	Philadelphia, Pa.	<a href="#">2014 IEEE Signal Processing in Medicine and Biology Symposium (SPMB14)</a>

### 2015 IEEE-USA Conferences Calendar

(Co-sponsored and/or where IEEE-USA has an Exhibition Booth)

When	Where	Conference
17-20 February	Washington, D.C.	<a href="#">IEEE PES Innovative Smart Grid Technologies Conference (IGST 2015)</a>
28 February	Washington, D.C.	<a href="#">Discover Engineering Family Day (IEEE-USA Booth)</a>
14-16 April	Waltham, Mass. (Boston Area)	<a href="#">2015 IEEE International Symposium on Technologies for Homeland Security (HST '15)</a>

15-17 April	New Orleans, La.	<a href="#">IEEE 7th Annual Green Technology Conference (IEEE GreenTech 2015)</a>
14-17 May	Milwaukee, Wis.	<a href="#">IEEE-USA Annual Meeting (AMTC2015)</a>
14-15 May	Milwaukee, Wis.	<a href="#">2015 IEEE Great Lakes Biomedical Conference (GLBMC)</a>
14-20 June	New Orleans, La.	<a href="#">IEEE Photovoltaic Specialists Conference (IEEE PVSC 2015)</a>
26-30 July	Devner, Colo.	<a href="#">IEEE Power &amp; Energy Society General Meeting (PES GM 2015)</a>
30 July - 1 August	Ogden, Utah	<a href="#">IEEE Conference on Technologies for Sustainability (SusTech 2015)</a>
26-27 September	Queens, N.Y.	World Maker Faire New York ( <i>IEEE-USA Shared IEEE Booth</i> )
October	Vancouver, British Columbia	<a href="#">IEEE International Symposium on Ethics in Engineering, Science, &amp; Technology (ETHICS 2015)</a>
October	TBA	IEEE International Conference on Wireless for Space & Extreme Environments (WiSEE)
26-28 October	Lehigh Valley, Pa.	IEEE NewNEB DC Power Utility Conference & Exhibition (NewNEB)
October	Seattle, Wash.	IEEE Global Humanitarian Technology Conference (GHTC)
October/November	TBA	International Conference on Connected Vehicles & Expo (ICCVE)
12 December	Philadelphia, Pa.	IEEE Signal Processing in Medicine and Biology Symposium (SPMB)

**Coming in 2016: IEEE North American Student Congress! Save the date: July 2016 in New Orleans, La.!**

## FEATURED CONFERENCE



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

Conference Date: 13 December 2014

Location: Howard Gittis Student Center, Temple University, Philadelphia, Pa.

Web: [http://www.isip.piconepress.com/conferences/ieee\\_spmB/2014/](http://www.isip.piconepress.com/conferences/ieee_spmB/2014/)

IEEE-USA, the IEEE Philadelphia Section, and the Philadelphia Chapter 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.

[Register Now](#)



## OF NOTE: UPCOMING 2015 CONFERENCES & EVENTS

### The IEEE PES Conference on Innovative Smart Grid Technologies (ISGT 2015)



**When:** 17-20 February 2015

**Where:** Washington Grand Hyatt Hotel  
(Washington, D.C.)

**Web:** <http://ieee-isgt.org>

The Sixth Conference on Innovative Smart Grid Technologies (ISGT2015), sponsored by the IEEE Power & Energy Society (PES), will be a forum for participants to discuss state-of-the-art innovations in smart grid technologies, and will feature plenary and panel sessions, as well as technical paper presentations and poster sessions. International experts will present tutorials on smart grid applications. The 2015 theme is Smart Grid--Present and Future, focusing on the future migration path for the smart grid, as new and emerging technologies converge with power system developments, to create smart energy systems.

#### Important Dates:

Paper Submission Now Closed

Author Registration Deadline: 10 January 2015

Early Registration Deadline: 15 January 2015



---

## Discover Engineering Family Day 2015 (IEEE-USA Sponsored Booth)



**When:** 28 February 2015

**Where:** National Building Museum (Washington, D.C.)

**Web:** <http://www.engineeringfamilyday.org>

Every February, the National Building Museum and the National Engineers Week Foundation invite you to debunk the myths of engineering and discover how professional engineers turn an idea into reality. Celebrate National Engineers Week by participating in this free, hands-on, and fun-filled festival.

Discover Engineering Family Day is a FREE, drop-in program. \$5 donation suggested. Program and activities are most appropriate for children ages 6 to 12 with adult supervision. Registration is not required.

Visitors to the 2014 Discover Engineering Family Day were able to meet astronaut Dr. Robert Crouch; see engineer Nate Ball, co-host of PBS' Design Squad Nation; demonstrate the Atlas Power Ascender; make slime; control a robot; build a skyscraper; catapult a Ping Pong ball; test the strength of a building in a tsunami; and meet Curious George and Cat in the Hat from WETA and PBSKids. Consider bringing your children to this educational and fun-filled engineering family event.

---

## 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:**

Paper, Poster and Tutorial Acceptance Notification: 15 December 2014



---

## IEEE 7th Annual Green Technology Conference (GREENTECH 2015)

**When:** 15-17 April 2015

**Where:** Intercontinental Hotel (New Orleans, La.)

**Web:** <http://ieeegreentech.org>



The 7th Annual IEEE Green Technologies Conference (GREENTECH 2015) will address one of the most pressing challenges of our time: securing green and clean energy sources for the 21st century to protect the environment and help build a more resilient power grid. This will require a collaborative effort from many disciplines of engineering, science, architecture and policy as well as among utilities, vendors, regulators, and academics. Electrical energy industry is in a critical phase, as initiatives we take today will affect how the grid will be operated for many years to come.

### Important Dates:

Paper Decision Notification: 15 December 2014

Final Manuscripts Submission: 20 January 2015

Author Registration Deadline: 20 January 2015

### About the IEEE-USA Conference Brief

The IEEE-USA Conference Brief is prepared by the IEEE-USA Conferences Committee. Questions or comments about this Email Update should be directed to: IEEE-USA Conferences Committee Chair, Charles Rubenstein at [c.rubenstein@ieee.org](mailto:c.rubenstein@ieee.org).

### Advertise

Stay in the forefront of technology communications. Advertise in IEEE Media's Online Alerts. The most qualified email alerts servicing the EE community: <http://advertise.ieee.org/product/online/email-alerts/>

### Managing Your Subscription

U.S. members who have provided an email address are automatically subscribed to the IEEE-USA Conference Brief as a member benefit. If you would like to be removed from this distribution please [Response: Unsubscribe from List]. Click here to update your subscriber preferences. If you have unsubscribed in error, please [Response: Subscribe to List]. To unsubscribe from all mailings, use your IEEE Web Account to update your "Personal Profile and Communication Preferences."

Replies to this message will not reach IEEE. Due to local email service/provider settings, random characters may appear in some correspondence. To update your IEEE email alias: <http://eleccomm.ieee.org>.



[Response: Read Receipt]