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IEEE Future Directions Newsletter



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Welcome

Welcome to our second IEEE Future Directions community newsletter.

You may already be a member of one or more IEEE Technical Communities. This newsletter highlights activities across all IEEE Technical Communities and initiatives, so you always know what's going on.

Visit each featured portal for access to upcoming conferences, news articles, technical papers, related standards, professional organizations, and academic programs.

We invite you to join any of these communities at no cost. To learn more, contact [Future Directions](#), or visit our [website](#).

Early Registration Discounts Available for the 2016 IEEE Technology Time Machine (TTM)

[Registration is now open](#) for [IEEE Technology Time Machine](#), IEEE's flagship symposium on future technology directions, 20-21 October 2016 in San Diego, CA, USA. The overall theme of TTM 2016 is Making the Future. Building upon IEEE's major technology initiatives, TTM 2016 will bring together high level renowned experts from research and industry to provide an overview of future technologies based on their research, products, and services. Keynote speakers and panelists will provide the participants with knowledge of the technologies so they can plan for the future while recognizing possible immediate applications for today.

Early Bird Registration by 1 September 2016. Save up to US\$250!

Current Activities in our Technical Communities

IEEE Big Data:

IEEE Future Directions Communities



[IEEE Talks IoT: Chris Miyachi](#). As the Internet of Things (IoT) connects innumerable data-generating devices across the world, do you hear concerns in the cloud computing community that current approaches and technologies have limitations? Visit the IEEE Big Data [web portal](#).

IEEE Brain:

The [IEEE Workshop on Advanced NeuroTechnologies for Brain Initiatives](#), sponsored by the IEEE Brain Initiative, will be held 10-11 November 2016, at the Sheraton San Diego Hotel and Marina, CA, USA.

Visit the IEEE Brain [web portal](#).

IEEE Cloud Computing:

The IEEE Cloud Computing community will be host an affinity track at the [International Conference on Consumer Electronics](#) (ICCE).

Visit the IEEE Cloud Computing [web portal](#).

IEEE Cybersecurity:

What might a building code for power system software/firmware security look like? Together with folks from the Smart Grid, Power and Energy, and Cybersecurity communities, we will [answer that question](#).

Visit the IEEE Cybersecurity [web portal](#).

IEEE Digital Senses:

[Sign up](#) for this new IEEE Community to receive the latest information on Digital Senses

Visit the IEEE Digital Senses [web portal](#).

IEEE Green ICT:

Green ICT members are working to design more energy-efficient information and communication technology. To stay up to date on the latest information [join the Technical Community](#).

Visit the IEEE Green ICT [web portal](#).

IEEE Internet of Things:

Meet your CEU and PDH requirements with our latest online course on The Emerging Paradigm of the Social Internet of Things. [Access this course](#) at IEEE *Xplore*.

Visit the IEEE Internet of Things [web portal](#).

IEEE Life Sciences:

International Symposium on Circuits and Systems Conference (ISCAS2016): Toward Innovative Nanosystems for Greater Well Being; [interview](#) with Mohamad Sawan, Chair, IEEE International Symposium on Circuits and Systems.

Visit the IEEE Life Sciences [web portal](#).

IEEE Rebooting Computing:

[The Machine: The Future of Computing](#). Hewlett Packard Enterprise is promoting their new Memory-Driven Computer System known as "The Machine," which they argue will revolutionize computing.

Visit the IEEE Rebooting Computing [web portal](#).

IEEE Smart Cities:

IEEE Smart Cities Massive Open Online Course (MOOC): [Health in Smart Cities](#).

Visit the IEEE Smart Cities [web portal](#).

IEEE Smart Grid:



Visit the IEEE Smart Grid [web portal](#).

IEEE Software Defined Networks:

IEEE Software Defined Networks has recently published a [white paper](#) now available for download on their web portal: "Towards 5G Software-Defined Ecosystems."

Visit the IEEE Software Defined Networks [web portal](#).

IEEE Transportation Electrification:

Read the June issue of the IEEE Transportation Electrification [Newsletter](#): Safety Challenges for Connected Cars and more!

Visit the IEEE Transportation Electrification [web portal](#).

IEEE Future Directions Upcoming Events

[IEEE 2nd International Smart Cities Conference \(ISC2 2016\)](#)

12-15 September 2016, Trento, Italy

[IEEE Systems, Man, and Cybernetics Society 2016 6th Workshop on Brain-Machine Interfaces](#)

9-12 October 2016, Budapest, Hungary

[IEEE International Conference on Rebooting Computing \(ICRC 2016\)](#)

17-19 October 2016, San Diego, CA, USA

[IEEE Technology Time Machine 2016 \(TTM\)](#)

20-21 October 2016, San Diego, CA, USA

[IEEE Cybersecurity Development Conference \(SecDev\)](#)

3-4 November 2016, Boston, MA, USA

[IEEE 3rd World Forum on Internet of Things \(WF-IoT\)](#)

12-14 December 2016, Reston, VA, USA

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