

IEEE-Boise Section Newsletter

January 2022

FutureCity competition – judges needed on Jan 29th!

The IEEE Boise Section and the IEEE Boise SSCS Chapter are proud to be sponsors of the Idaho Regional Future City Competition this year. We are sponsoring the special award for most innovative application of future technologies for sustainable development for the benefit of humanity.

The Future City Program combines an engineering challenge with a "hands-on" application as sixth through eighth grade students present their vision of a city of the future by working in teams along with their teacher and a volunteer engineer mentor. More details are at <https://futurecity.org/idaho>.

We need one or two volunteers who are willing to be special award judges for the event. The time commitment is about four hours. Judging will take place during the morning of competition day, Saturday, January 29th 2022. Judges will have the opportunity to interact with the teams individually, observe their model and interview the students. Judging will be in person at Boise State University.

Please contact Chris Gunning, cgunning@ieee.org, if you are able to be a volunteer judge or would like more information.

Upcoming Events in our Section

- **Graph Analytics in the Accelerator-enabled Exascale Era**, by Dr. Mahantesh Halappanavar, PNNL. Jan 20, 2022, 7pm MST. See <https://events.vtools.ieee.org/m/297456> for details.
- **Joint IEEE EDS-SSCS presentation by EDS Distinguished Lecturer Nazek El-Atab**, <https://cemse.kaust.edu.sa/sama/news/nazek-el-atab-appointed-ieee-distinguished-lecturer> King Abdullah University of Science and Technology, Feb 9, 2022, 9am MST

Other upcoming events of interest

- **Characteristics of Successful Tech Hubs and Start-ups: Lessons from the Origin and Growth of Silicon Valley**, by Paul Wesling, Hewlett-Packard (Retired). Feb 24, 2022, 6:30pm MST. Hosted by the IEEE-Utah section and Utah Section Young Professionals Affinity Group. See <https://events.vtools.ieee.org/m/295592> for details.

Recordings Available from Recent Events

- **TRAST, Preventive Measures for Real-World Reliability**, by Dr. Xiaoyuan Fan of Pacific Northwest National Laboratory (PNNL). Presented to Boise section on Dec 16, 2021. Event recording at <https://ieeemeetings.webex.com/recording/service/sites/ieeemeetings/recording/a72e0591410b103a8f7b005056a85895/playback> .
- **Making Qubits: Diamond, Photonics, Superconductors, and More**, by Russ Renzas, Oxford Instruments Plasma Technology. Presented to Boise Computer Society on Oct 14th. Event recording at <https://ieeetv.ieee.org/video/making-qubits-diamond-photonics-superconductors-more> .

Announcement from BSU's Electrical and Computer Engineering department

Looking for a change? Boise State ECE Department is still looking to hire a Clinical Professor in Computer Hardware Engineering. A Masters degree and 10+ years of industry experience are desired. See <https://www.boisestate.edu/coen-ece/employment/>. They are also looking to hire assorted adjuncts if you want to give to future engineers with a lower level of commitment.

From the Chair (Randy Rannow, pi-boson@ieee.org)

Thank you for your membership in IEEE. If you've already renewed for 2022, thank you! If you haven't, renew now at <https://www.ieee.org/membership/renew.html> so you continue to receive all your IEEE benefits.

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Find out about more upcoming IEEE events at these links:

- **Region 6** (western US) web site: <https://ieee-region6.org/events/category/meetings/>
- **MGA Scoop** - Monthly newsletter about upcoming events and member benefits: <https://mga.ieee.org/news/32-ieee-news>
- **IEEE Virtual Events Calendar** - Major upcoming events and those now available on demand. <https://spectrum.ieee.org/static/ieee-virtual-events-calendar>
- **IEEE App**. For a comprehensive listing of all IEEE events, including chapter, section and student branch meetings, use the IEEE app available on Google Play and Apple's App Store. Download the IEEE app today. <https://app.ieee.org/>

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Future Newsletters

If you have a topic you'd like to suggest or an article you'd like to contribute to a future newsletter, please send it to Chris Gunning at cgunning@ieee.org. Thank you!