

IEEE Russia Siberia Section Report April 2013

1. Highlights from the past

- Highlight: IEEE 13th International Conference and Seminar of Young Specialists on Micro/Nanotechnologies and Electron Devices EDM 2012, 02-06 July 2012, Altai, Erlagol, Russia, <http://edm.conf.nstu.ru/edm2012> .
- Highlight: XXVth International Symposium on Discharges and Electrical Insulation in Vacuum ISDEIV 2012, September 02–07 2012, Tomsk, Russia, <http://www.hcel.tsc.ru> .
- Highlight: 7th International Forum on Strategic Technology IFOST 2012, September 17–21 2012, Tomsk, Russia <http://ifost2012.tpu.ru/>.
- Hosted: IEEE 11th International Conference on Actual Problems of Electronics Instrument Engineering APEIE 2012, October 02-04 2012, Novosibirsk, Russia, <http://www.apeie.conf.nstu.ru/apeie2012>
- Milestone: IEEE Russia Siberia Section Election, January 2012.

2. Future activities

- Noteworthy event: IEEE R8 International Conference on Information, Communications and Computer Technologies in Electrical and Electronics Engineering SibirCon 2014, September, Vladivostok, Island Russian, Russia, <http://congress.dvfu.ru/SibrCon> .
- Highlight: 10th International Siberian Conference on Control and Communication SIBCON 2013, September 12-13 2013, Krasnoyarsk, Russia, <http://conf.sfu-kras.ru/conf/sibcon2013> .
- Student Paper Contest and Conference on Information Security SIBINFO-2013, April 19-20, Tomsk, Russia.
- Milestone: We plan to organize the IEEE R8 International Conference SibirCon 2014 in Vladivostok as international forum of hi-tech professionals for developing of the advanced IT, ICT & CT technologies in Siberia, Far East, Ural, and also in conditions of other sparsely populated, rural, remote, and difficult-for-access territories (APEC, BRICS, Africa, etc.).

3. Best practices

- Involvement of scientific and technical Krasnoyarsk professionals in international cooperation and IEEE through SIBCON Conference. SIBCON is an event which proved to have a big scientific value for control and communication technologies for engineers, scientists and students.
- Siberian State University of Telecommunications and Information Science (SibSUTI) carries out weekly IEEE-SibSUTI Scientific Seminar on the Next Generations of Information (IT), Communications (ICT) and Computer (CT) Technologies for professional support of the Masters, Postgraduate and other young specialists.

4. Points of concern / Topics for future discussion

- The IEEE Russia Siberia Section (RRS) occupies the large territory 17.037,142 sq.km, i.e. 29.3% of IEEE Region 8, and includes eight time zones – from +5 to +12 GMT. It is the largest section of IEEE in the World. We are situated in the three Federal Districts of Russia: Ural (Yekaterinburg is the center), Siberia (Novosibirsk), and the Far East (Vladivostok), with the total population of 37.7 million people. Therefore our main points of concern are the developing and optimization of our Geographic Units structure.
- Cover by the new RSS Geographic Units of the large scientific and education Siberia centers - Yekaterinburg, Tyumen, Omsk, Kemerovo, Barnaul, Krasnoyarsk, Vladivostok, and others.
- Involving in IEEE activity of young specialists and supporting their participation in IEEE flagship conferences and events.
- Partnership with the Siberia/Far East/ Ural Branches of the Russia Academy of Sciences and with Siberian universities, providers and industry.
- Partnership with R8, R9 and R10 Geographic Units in regional programs of low-cost mobile satellite and wireless broadband telecommunication (ICT) developing, which would be well adapted for conditions of rural and remote territories of Siberia, Asia-Pacific, Africa and Latin America.

5. Miscellaneous

- An approving of the petition of the joint MTT/IM/AP/AES/COM Chapter in Krasnoyarsk by Siberian Federal University.
- Preparing the petition for new joint COM/C/IT/CS/VT Chapter in Novosibirsk
- Preparing the petition for new RSS Student Branch in Novosibirsk