

## Russia (Siberia) Section

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### Getting Closer to Industry

Industrial applications that are closely connected with tasks of development North, Far East and Asia-Pacific regions are of the prime interest for the Section.

Special sessions and exhibitions devoted to industrial applications took place at the conferences supported by the Section, for example at the “2017 Siberian Symposium on Data Science and Engineering (SSDSE) (April 2017, Novosibirsk)” and are planned at forthcoming events, such as “International Conference on Information Science and Communications Technologies ICISCT 2017, November 2017, Tashkent Uzbekistan”. Companies working in IT technologies, wireless networking and biomedical engineering are involved in organization of our conferences and scientific schools through relationship with universities, the Russian Academy of Sciences and the Novosibirsk Technopark. Close cooperation with industry is characteristic for Tomsk and Krasnoyarsk Chapters.

### Attracting and Supporting Future Members

Regular meetings with students in main universities are organized. Special reports and presentations are presented in all conferences that are supported and/or organized by Section. As a result, the Section has received Certificate for “2016 Outstanding Section Membership Recruitment Performance” and Golden banner for “2017 Outstanding Section Membership Recruitment and Retention Performance”.

For better development and attraction of new members special programs are needed for supporting participation of young professionals and students in events organized by IEEE abroad: traveling expenses are too high for Siberians (about 500 EUR from Novosibirsk versus 80-100 from Paris for flight to Stockholm, for example)

Student Paper Contest are included in programs of conferences that are supported and/or organized by Section, for example, Student Paper Contest and Conference on the Information Security (SIBINFO) 19-20 April, 2017 Tomsk.

### Section Vitality

Organizing number of conferences, including:

International Multi-Conference on Engineering, Computer and Information Sciences (Sibircon 2017) (18-24 Sep 2017); XI IEEE Conference 2016 Dynamics of Systems, Mechanisms and Machines (Omsk, 14-16 Nov 2017); 18th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM) (29-31 Jun 2017).

Section supports the Second Russia and Pacific Conference on Computer Technology and Applications (RPC) (Vladivostok, 25 Sep 2017) jointly with IEEE R10.

In the course for expanding IEEE into Central Asia the International Siberian Conference on Control and Communications (SIBCON-2017) will take place in Astana, Kazakhstan (June 29-30, 2017,) and Sibircon 2017 includes XIII Asian School-seminar on Problems of Complex System Optimization in its program.

Support of scientific activity and involving of the Students, Masters and Postgraduates in the IEEE Members through the Weekly IEEE SibSUTIS Scientific Seminar on the 4G/5G & Next Generations of Information (IT), Communications (ICT) and Computer (CT) Technologies.

Support of professional activity of the IEEE Members through the Monthly IEEE Seminar on Radio Engineering organized by Siberian Federal University and Krasnoyarsk Joint IEEE Chapter.

Cooperation with Technopark of Novosibirsk Akademgorodok is needed in organizing and carrying out seminars and scientific schools.

Closer scientific and technological cooperation between Siberia section and Middle East (Kazakhstan, Kyrgyzstan, Uzbekistan) scientific centers, in organizing joint Scientific conferences and schools in particular is one of our main goals.

### IEEE in Africa

More conferences must be organized in Africa. On the other hand, our Section may support participation of some students from African countries in IEEE conferences in Siberia. Our students and YPs may participate in international projects aimed to development of African IT and industrial infrastructure.

### Support from IEEE Office in Vienna, Austria

We hope for closer cooperation regarding involving our members in European projects carried by IEEE.

### Miscellaneous / Recommendations / Feedback

Our experience with invitation of distinguished IEEE lecture (A. Gurtov in April, 2016) shows usefulness of such tours for recruiting new IEEE members and advancing IEEE in the region.