

Russia (Siberia) Section

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What activities/programs/initiatives work well in your Section to foster Industry Relations? What changes would be required by IEEE/the Region/your Section to improve Industry Relations? What were major successes since the last meeting in terms of Industry Relations? How are you going to continue to foster Industry Relations?

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 "XII International scientific and technical conference *Dynamics of Systems, Mechanisms and Machines (Dynamics-2019) 13-15 November 2018, Omsk, Russia" and "XIV International scientific-technical conference "Actual Problems Of Electronic Instrument Engineering", Novosibirsk, 3-6 October 2018. Such events are welcomed and planned in all conferences and scientific schools supported and organized by the Section, IT technologies, wireless networking and Involving of the biomedical engineers in IEEE through development of relationship with the Siberian Branch of Medical Sciences (The Russian Academy of Sciences) and the Novosibirsk Technopark is our current task. Huawei Technologies Co. Ltd from China is our new partner in development IT projects and organizing conferences.

What activities/programs/initiatives work well in your Section to Attract and Support Future Members, e.g., Students and Young Professionals? What changes would be required by IEEE/the Region/your Section to better Attract and Support Future Members? What were major successes since the last meeting in terms of Attracting and Supporting Future Members? How are you going to continue to support Students and Young Professionals?

Regular meetings with students in main universities are organized. Special reports and presentations are included in programs of all conferences that are supported and/or organized by Section. As a result, the Section has received Certificate for "2018 Outstanding Section Membership Recruitment Performance". For better development and attraction of new members special programs are needed for supporting participation of young professionals and students in events in Europe: travelling expenses are too high for Siberians (about 500 EUR from Novosibirsk versus 80-100 from Paris for flight to Stockholm) 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) on April 17-18, 2018, Tomsk.

What activities/programs/initiatives work well to drive the vitality and sustainability in your Section? What changes would be required by IEEE/the Region/your Section to improve Section vitality and sustainability? What were major successes since the last meeting in terms of Section Vitality? How are you going to continue to foster Section Vitality?

Organizing the following conferences:

- XII International scientific and technical conference "Dynamics of Systems, Mechanisms and Machines (Dynamics-2019) 13-15 November 2018, Omsk, Russia";
- XIV International scientific-technical conference "Actual Problems Of Electronic Instrument Engineering", Novosibirsk, 3-6 October 2018;
- 19th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM) (29 June - 3 July 2018);
- Siberian Symposium on Data Science & Engineering 2018 (SSDSE), 30-31 October 2018;
- The 11th International Conference on Bioinformatics of Genome Regulation and Structure System Biology BGRS SB'2018, 20-25 August, Novosibirsk, 2018, and others.
- In the course for expanding IEEE into Central Asia the International Conferences on Wireless and Optical Communications Networks were organized in Kyrgyzstan (WOCN2018KG, 15-17 November, 2018, Bishkek), and Tajikistan (WOCN2018TJ, 7-9 November 2018, Dushanbe) were supported by the Section
- 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.

What are your recommendations to IEEE Region 8 and the Africa Council Chair Gloria Chuckwudebe to foster IEEE in Africa? How does your Section support IEEE Activities in Africa?

Gloria Chuckwudebe should study the experience of promoting IEEE in the regions of Central Asia, where there is also poor infrastructure, often poorly educated people and the needs for energy, communication and water are similar to those in Africa.

What services and which kind of support would you expect for Region 8 and/or your section out of the new IEEE office in Vienna, Austria? How has the existence of this office influenced your section since its inauguration last year?

May be we are just too far from Vienna, but we have not feel any difference.

Outstanding new initiatives, Special Achievements, Anniversaries.

We need a lot of support from IEEE management in the participation of Siberian students and young professionals in the organization's events.