

IEEE Romania Section Report October 2012

1. Highlights from the past

- Chapters of the Romania Section has been deeply involved in organizing conferences and meetings. Examples are: 13th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2012; 4th International Conference on Intelligent Networking and Collaborative Systems – INCoS-2012, 7th International Conference on Deregulated Electricity Market Issues in South-Eastern Europe – DEMSEE-2012, 2012 20th European Signal Processing Conference – EUSIPCO2012; 9th International Conference on Communications (COMM); 2012 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2012); 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing; OPTIROB 2012- IEEE/IACSIT International Conference on Optimization of the Robots and Manipulators;
- A new Chapter was formed in Romania affiliated to “Society on Social Implications of Technology Membership”. Now the IEEE Romania Section is totaling 17 Chapters and 2 Join Chapters.
- 1 member was elevated to Senior Member in the last reporting period, totaling today 67 members. Furthermore, the Section is proud to have 2 Fellow Members and 1 Life Fellows.
- The number of members has maintained almost constant in the last 2-3 years, reaching today 1058 members.
- There are 3 Chapters with 100+ members, therefore called Large Chapters. These Chapters are Romania Computer Society, Romania Communication Society and Romania Power & Energy Society
- The Interconnection Techniques in Electronics (TIE) workshop is a student professional contest whose objective is to promote technological computer aided design (CAE-CAD-CAM) of electronic modules. This contest brings together students from different Universities since 1992. It aims to encourage the students for research. Prizes are presented to the best projects.

2. Future activities

- A significant number of events will be organized in the next period in Romania with contribution from the IEEE Romania Society, e.g. 7th International Conference and Exposition on Electrical and Power Engineering (EPE 2012); 2012 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2012); 16th International Conference on System Theory, Control and Computing.

3. Best practices

- The efforts of the Romanian members to make IEEE more visible in Romania, especially in industry, helped attracting companies and other institutions to jointly organize various conferences. The number of conferences organized by the Romanian Section has increased also due to the successful collaboration with the industry as well as other institutions. An incentive for the interest from industry to affiliate to IEEE might be the changes in the Romanian legal framework regarding the quality for eligibility to submit project proposals financed from public sources;
- The large number of IEEE benefits are good reasons to attract the industry and academia. For instance, the PES Chapter attracts experienced engineers from industry to teach master students from University “Politehnica” of Bucharest about, for instance, “smart grids”
- The International Student Professional Contest titled “Interconnection Techniques in Electronics” is a successful story of a student event organized mainly under IEEE.

4. Points of concern / Topics for future discussion

- There is a fluctuation in the number of both undergraduate and graduate student members. However, in order to support the young branch, the Section decided to financially support several students to become members.
- Still the largest number of members are academic staff members although, in the last years, the number of members from industry has increased

5. Miscellaneous

- Mr. Ionut Alexandru Budisteanu, a 18-year-old high-school senior from Râmnicu Vâlcea, Romania, was awarded the IEEE Presidents’ Scholarship
- Dan Apetrei is the 2011 Technical Award recipient of IMS Society for “For leadership in implementation of novel measurement solutions in power distribution systems”