

Romania Section

Mircea Eremia

Highlights from the past

- 77 meetings were held by the IEEE Romania Section and its Chapters in 2014
- International conferences are regularly held in Romania; 6 international conferences were held between January and July 2014
- The Section supports the membership for new student members; 10 new members were supported
- Engineers from industry are invited to deliver talk for students
- The IEEE Romania Section Board of Officers hold meetings on a regular basis to discuss the approval of financial support for chapters, future conferences, putting into practice IEEE decisions, etc.
- Bucharest is the center of IEEE activities in Romania; however, other cities have shown very good activities in the last years, e.g. Cluj-Napoca, Brasov, Timisoara, Iasi, Craiova, etc.
- The Romania Section supports student activities, e.g. the "Interconnection Techniques in Electronics TIE 2014", and "Prof. Marcel Rocule" Mathematics for Electrical Engineering high school contest 2014
- A quite good collaboration exists between universities and industry for organizing successful meetings, creating links for students by internships, private scholarships, etc. to better help graduate students get hired quite immediately after graduation

Future activities

- 13 international conferences, from which a MoU exist, will be held in Romania in the next period.
- This year, the 49th International Universities Power Engineering Conference (UPEC) will be held in Cluj-Napoca <http://www.upec2014.com/>
- Another important event is the 16th IEEE International Conference on Harmonics and Quality of Power (ICHQP) organized by the University POLITEHNICA of Bucharest, and technically co-sponsored by the IEEE Power & Energy Society <http://www.ichqp2014.org/>

Best practices

- The Romania Section was formed in 1991. The membership was steady in the last 5 years to 1000-1100 members.
- Collaboration between universities and industry to help students get hired immediately after graduation
- The Romania Section supports the Chapters to organize conferences and other local meetings
- International conferences are often organized in Romania by the Romania Section members
- The most active Chapters are CS, PES, EMB and CIS
- 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"

Points of concern / Topics for future discussion

- The Romanian authorities give the highest credit to the ISI WoK system for indexing journal and conference papers. IEEE fails to be consistent. Although the conference organizers announce that a conference is ISI indexed, IEEE takes no responsibility when the conference is not indexed. Examples are 2011 IEEE Trondheim PowerTech, 2012 IEEE Brasov OPTIM. This is an important issue of credibility
- The membership fee is not affordable for most of the undergraduate students

Miscellaneous

- The Grainger Foundation and the IEEE Power & Energy Society has presented to Professor Ion Gheorghe Boldea (LFIEEE), University "Politehnica" of Timisoara, the IEEE NIKOLA TESLA AWARD "for contributions to the design and control of rotating and linear electric machines for industry applications."
- The IEEE PES Romania Chapter was again awarded in 2013 a High Performing Chapter Award
- The IEEE PES Romania Chapter developed various activities for students and young engineers together with the Romanian National Committee of the World Energy Council
- A website is maintained at www.ieee.ro
- The Electron Device Chapter was recreated in 2014, after several years of inactivity. The Romania Section has now 20 Chapters.
- The Romanian scientific communities appreciate more and more the IEEEExplore database and the opportunities for publishing their work