

Report

IEEE ComSoc Romania Chapter

Chapter Chair:

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Outline

- Membership
- Activities
 - Journals and Conferences
 - Joint Activities
 - Student-oriented Activities
 - Review Activities
- Intended Actions
- Problems

- Number of members of IEEE ComSoc in Romania:
 - 2014 - 137 members;
 - 2015 - 73 members;
 - 2016 - 65 members
 - 2017 - 64 members
 - Some of them are also members in the Joint SP/IT/Com Chapter
- Composition:
 - spread in 9 cities
- Mostly in four main Telecom & IT academic centers:
 - Bucharest, Cluj-Napoca, Timisoara, Iasi
- The IEEE ComSoc members come from:
 - Communications departments (groups) in universities,
 - Telecom companies and research institutes
- Few student members – 6
- Ongoing petition to create a student group

Activities:

- Publications
 - journals, books or chapters in books published and edited by Chapter members
- Conferences
 - international conferences organized by Chapter members
 - local workshop and seminars organized by Chapter members
- Elaboration of joint proposals and running joint research projects and educational programs
- Student-oriented activities
- Reviews for IEEE journals and conferences

Journals edited by members of Romanian Chapter:

- “Advances in Electrical and Computer Engineering”, ISSN:1582-7445, e-ISSN:1844-7600, <http://www.aece.ro>
 - Published by the University of Suceava
 - Indexed and abstracted in Science Citation Index Expanded® and Journal Citation Reports/Science Edition, JCT

- “Acta Technica Napocensis Electronics and Telecommunications”, ISSN 1221-6542 (in English), <http://bavaria.utcluj.ro/~atn/>
 - Published by the Technical University of Cluj-Napoca
 - Indexed in some international databases

Publications- Journals (2)

- “Scientific Bulletin of the “Politehnica” University of Timisoara - Transactions on Electronics and Communications (in English) p-ISSN 1583-3380 <http://hermes.etc.upt.ro/bulletin/bulletin.html>
 - Indexed in some international databases
 - Diligences are made to include it in the IEEE and ISI databases
- "Telecomunicatii" (Telecommunications) (in Romanian); ISSN-L 1220-8655, Online: ISSN 2247-1863 - 2 issues/year
- <http://www.telecomunicatii.agir.ro/>
 - Published by the AGIR and “Politehnica” University of Bucharest
 - Indexed only in national databases
- The chapter members authored books published in Romania and chapters or sections in books published by international publishing houses

International conferences organized by Chapter members:

1. “Communications 2014, 2016”, www.comms.ro
 - Organized every two years in Bucharest by the “Politehnica” University and Technical Military Academy and the joint SP/IT/COM and COM chapters of IEEE Romanian Section;
 - It is included in the IEEE Conference Database and indexed in IEEE Xplore and ISI CPCI

2. “Symposium on Electronics & Telecommunications ISETC 2014, 2014”
<http://www.etc.upt.ro/isetc2016/international.php>
 - International symposium with several tracks of communications, organized by the “Politehnica” University of Timisoara, with the contribution of ComSoc Romanian Chapter
 - it is included in the IEEE Conference Database and indexed IEEE Xplore and ISI CPCI

International conferences organized by Chapter members:

3. IEEE BlackSea Communications & Networking 2015, Constanta

<http://blackseacom2015.ieee-blackseacom.org/>

- Organized by ComSoc; the Romania Chapter members led the local operations and TPC
- Indexed in the IEEE Conference Database, IEEE Xplore and ISI CPCI

4. 8th International Conference on Speech Technology and Human-Computer - SpeD 2015, Bucharest,

- Chapter members were involved in organization
- Indexed in the IEEE Conference Database, IEEE Xplore and ISI CPCI

5. 9th International Symposium on Advanced Topics in Electrical Engineering - ATEE 2015

- Chapter members organized a special session on communications

Cooperation between Chapter members from different academic centers in:

- Proposing and running research projects at national level
- Running educational programs, especially at Ph.D. level
- Elaborating joint papers

Student-oriented Activities

Chapter members were involved in the organization of:

- Student symposia and contests
 - The National Contest in Electronics and Telecommunications “Tudor Tanasescu”
 - Symposia for Students in Electronics and Telecommunications
 - ❑ They were organized at local level by the Communications Departments of the main universities, e.g., “Politehnica” and the Military Technical Academy Bucharest, Technical University of Cluj-Napoca
 - ❑ Organized in separate tracks at Bachelor, M.Sc. and Ph.D. levels
 - ❑ At some universities the proceedings are published in separate local journals and extended versions of the best papers are selected for publication in indexed journals

Student-oriented Activities (2)

- Technical workshops, presentations, invited lectures
 - Organized at department level in the academic centers, Bucharest, Cluj-Napoca, Timisoara, Iasi
 - Invited presentations and/or lectures on specific topics, offered either by experts from the communications companies or by professors from foreign universities, e.g. Rohde Schwarz, Orange, Vodafone,...
 - Company presentations
 - Short courses or workshops offered by companies, e.g. Orange
 - Summer internships and practical stages at the telecom companies, e.g. Telekom

- Chapter members performed paper reviews for IEEE ComSoc journals and conferences, e.g., Journal on Selected Areas in Communications, Communications Letters, VTC, PIMRC, ISWCS,...
- They also acted as TCP members for some international IEEE conferences organized outside Romania
- We did not hold a complete record of the reviewing activities performed by our members, since it was not requested

- The ComSoc Romania Chapter won the “2016 CHAPTER ACHIEVEMENT AWARD” of the EMEA region

- Scientific issues
 - Support the international conferences organized in Romania by Chapter members and groups
 - Support the journals published in Romania in improving their qualities, visibilities and indexing
 - Support the organization of student-oriented activities (symposia, tutorials, internships,...)
- Organization
 - The more efficient use of the site of the IEEE Romanian Section
 - Setting up a Chapter account on one of the social networks
 - ❑ Question of hosting and maintenance

- Membership
 - Increase the numbers of members in the academic centers
 - ❑ matter of funding
 - Increase the number of student members, especially Ph.D. students
 - ❑ also matter of funding
 - Contacts with Telecom companies to increase the membership
 - ❑ Most telecom companies operating in Romania do not have research development departments in Romania
- Keep statistics on the papers published/presented in and reviews performed for IEEE ComSoc journals and conferences

- Membership
 - Funding for the academic centers
- Organization of joint activities
 - Lack of time for many of the chapter members
- Attending to ComSoc conferences
 - Rather high registration fees at major ComSoc conferences
- Revealing potential benefits to companies:
 - to support ComSoc membership
 - to sponsor the organization of and attendance to conferences
- Suggestion:
 - The review activities for ComSoc major journals and conferences should be reported as chapter activity

To

Thank you for your attention !