

IEEE Romania Section Report April 2007

Officers:	Election Date: January 2006	Term End Date: December 2007
	Chair	Tapus Nicolae
	Vice-Chair	Serbanescu Alexandru
	Secretary	Dobrescu Radu
	Treasurer	Eremia Mircea
	Past Chair	Rau Svetlana
	Membership Development	Rau Svetlana
	Membership Development	Ciugudean Mircea
	Professional and Technical Activities	Popescu Mihai Octavian
	Chapters Coordinator	Marinescu Andrei
	Educational Activities	Nedeveschi Sergiu
	Student Activities Coordinator	Bodea Mircea
	Social and Administrativ Activities	Stancu Alexandru

Membership (as of March 30, 2007):

IEEE Romania Section has in total 689 active members (1 Life Member, 1 Fellow Member, 49 Senior Members, 488 Members and 106 Student Members, 44 Affiliate Members) in 17 Chapters and 8 Student Branches. Male members 571 Female members 118.

	Chapters	Chapter chairs
1. ED015	Electron Devices Society	Profirescu Marcel
2. CAS004/CS023	Circuits and Systems Society/Control Systems Society	Constantinescu Florin
3. COM019/IT012/SP001	Communications/IEEE Information Theory/Signal Processing Societies	Radu Mihai
4. CPMT021	Components Packaging, and Manufacturing Technology (joint with Hungary)	Pitica Dan
5. PE031	Power Engineering Society	Eremia Mircea
6. C016	Computer Society	Tapus Nicolae
7. MAG033	Magnetic Society	Stancu Alexandru
8. EMC027	Electromagnetic Compatibility Society	Coatu Sorin
9. LEO036/GRS029	Lasers & Electro-Optics / Geoscience & Remote Sensing Society, Bulgaria	Iancu Ovidiu
10. SP001	Signal Processing Society	Buzuloiu Vasile
11. CS023	Control Systems Society	Rasvan Vladimir
12. MTT017	Microwave Theory and Techniques Society	Lojewschi George
13. E025	Education Society	Dima Gabriel
14. PEL035	Power Electronics Society	Popescu Mihai Octavian
15. COM019	Communications Society	Banica Ion
16. IM009	Instrumentation and Measurement Society	Golovanov Carmen
17. EMBS	Engineering in Medicine and Biology Society	Dr. Morega and Dr. Teodorescu
	Students branch chapters	Chapter chairs
1. CAS004/CS023	Circuits and Systems Society/Control Systems Society	Mateo Radu Cezar
2. CPMT021	Components Packaging, and Manufacturing Technology	Ene Daniel-Victoras
3. COM019	Communications Society	Chindris Gabriel
4. C016	Computer Society	Varbanescu Ana-Lucia
5. ED015/COM019	Electron Devices Society/Communications Society	Serbanescu Alexandru
6. ED015	Electron Devices Society	Agache Petronela
7. PE031	Power Engineering Society	Toma Lucian
8. MAG 033	Magnetic Society	Ciubotaru Florin

Major Conferences and Meetings:

More than 6 technical conferences , 2 national events and 30 seminars and technical meetings have been held in 2006:

Conferences:

1. RoEduNet 5th International conference in Networking, Sibiu
2. **International Conference on Intelligent Computer Communication and Processing (ICCP 2006)** Cluj Napoca
3. **Scientific Computing in Electrical Engineering – SCEE 2006, September 17th-22nd, 2006, Sinaia, Romania**
4. **The 10th International Conference CCF 2006 QUALITY AND DEPENDABILITY, September 27th-29th, 2006, Sinaia, Romania**
5. **International Workshop on Grid Activities within Large Scale International Collaborations 14-18 October 2006, Sinaia, Romania**
6. **5th National Conference “New Research Trends in Material Science”, ARM – 5, Sibiu, Romania, on 5 – 7 September 2007.**

Romanian events

1. RoGRID Initiative - Romanian GRID summer school
2. BINARY 2006 7th Software Romanian competition

New Chapter:

EMBS - Engineering in Medicine and Biology Society.
 Dr. Morega and Dr. Teodorescu

IEEE Awards

For Outstanding Activity: Award II of Power Engineering Society to:
 Small PE Chapter of IEEE ROMANIA Section. Chair: Professor Mircea EREMIA

Distinguished Lecturer :

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Best practices:

Romania Section has a very active collaboration with the National Unions of Engineers - AGIR and the Academy of Technical Science – ASTR. There are organized common professional activities.

Topics of concern:

Very difficult recruitment of new volunteers among both regular members and student members.

Students participation in International Contests:

CSIDC 2006

An international panel of experts has selected the winners of CSIDC 2006, the IEEE Computer Society's 7th Annual International Design Competition.

The top twenty projects were selected based on their reports by twenty Submission Evaluation Teams. The Judging Panel met 14 May and selected the top ten projects from that list. The top ten teams were invited to present their projects in Washington, DC 1-2 July 2006.

Computer Society International Design Competition
Romanian Winners

Anul	Locul	Proiect	Membrii echipei
2006	Third Place "Politehnica" University of Bucharest	Synaigy	Maximilian Machedon Iulian Moraru Bogdan Marius Tudor Dan Ștefan Tudose Mentor Nicolae Țăpuș



Imagine Cup 2006: **World Vice Champions** – Information Technology
 Students: Valeriu **Greavu** University A.I. Cuza Iasi



Windows Embedded Student ChallengeE

Going Beyond the Boundaries



Windows Embedded Student ChallengeE 2006 Winners

On June 22-24, 2006 Microsoft announced the winners of the third annual Windows Embedded Student ChallengeE (WESC), a Microsoft-sponsored technology competition that challenges students to design a computer-based system that will solve a real world problem while testing their developments skills against teams from around the world.

More than 360 teams from around the world registered for the WESC 2006 competition, whose theme was "Preserving, Protecting and Enhancing the Environment." The top 30 teams were flown to Microsoft's Redmond campus in June 2006 to present their projects to a panel of Microsoft and industry judges for a chance to win industry recognition and one of five cash prizes.

Anul	Locul	Proiect	Membrii echipei
2006	First Place "Politehnica" University of Bucharest	Forest Watcher	Cristian Iuliu Pop Ioana Romelia Bratie Omar Salim Choudary Mircea Dan Gheorghe Mentori Decebal Popescu, Nirvana Popescu
2006	Four Place "Politehnica" University of Bucharest	BirdSpot	Alin Iulian Lazar Andrei Gheorghe Mihai George Ciureanu Radu Nedelcut Mentor Nicolae Tapus
2006	Seven Place "Politehnica" University of Bucharest	Pi-CoPS Pipe Contamination Prevention System	Stefan Bucur Razvan Tataroiu Vlad Ureche Mihail-Alexandru Balan Mentor Nicolae Tapus

Nicolae Tapus, Section Chair, March 10, 2007