IEEE Romania Section Report April 2007

Officers:

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tr>
<td>Chair</td>
<td>Tapus Nicolae</td>
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<tr>
<td>Vice-Chair</td>
<td>Serbanescu Alexandru</td>
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<tr>
<td>Secretary</td>
<td>Dobrescu Radu</td>
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<tr>
<td>Treasurer</td>
<td>Eremia Mircea</td>
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<tr>
<td>Past Chair</td>
<td>Rau Svetlana</td>
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<td>Membership Development</td>
<td>Rau Svetlana</td>
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<tr>
<td>Membership Development</td>
<td>Ciugudean Mircea</td>
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<tr>
<td>Professional and Technical Activities</td>
<td>Popescu Mihai Octavian</td>
</tr>
<tr>
<td>Chapters Coordinator</td>
<td>Marinescu Andrei</td>
</tr>
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<td>Educational Activities</td>
<td>Nedevschi Sergiu</td>
</tr>
<tr>
<td>Student Activities Coordinator</td>
<td>Bodea Mircea</td>
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<tr>
<td>Social and Administrative Activities</td>
<td>Stancu Alexandru</td>
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Election Date: January 2006
Term End Date: December 2007

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.

Chapter chairs:

1. ED015 Electron Devices Society: Profirescu Marcel
2. CAS004/CS023 Circuits and Systems Society/Control Systems Society: Constantinescu Florin
3. COM019/IT012/SP00 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
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

Chapter chairs:

1. ED015/COM019 Electron Devices Society/Communications Society: Serbanescu Alexandru
2. ED015 Electron Devices Society: Agache Petronela
3. PE031 Power Engineering Society: Toma Lucian
4. MAG 033 Magnetic Society: Ciubotaru Florin

Students branch chapters:

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
5. ED015/COM019 Electron Devices Society/Communications Society: Serbanescu Alexandru
6. ED015 Electronic 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
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

Romanian events
1. RoGRID Initiative - Romanian GRID summer school
2. BINARY 2006 7th Software Roamanian 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:
-

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:

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<tr>
<th>CSIDC 2006</th>
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<tr>
<td>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.</td>
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<th>Anul</th>
<th>Locul</th>
<th>Proiect</th>
<th>Membrii echipei</th>
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<tbody>
<tr>
<td>2006</td>
<td>Third Place &quot;Politehnica&quot; University of Bucharest</td>
<td>Synairgy</td>
<td>Maximilian Machedon, Iulian Moraru, Bogdan Marius Tudor, Dan Ștefan Tudose, Mentore, Nicolae Țăpuș</td>
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Imagine Cup 2006: World Vice Champions – Information Technology
Students: Valeriu Greavu University A.I. Cuza Iasi

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.

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<tr>
<td>2006</td>
<td>First Place</td>
<td>Forest Watcher</td>
<td>Cristian Iuliu Pop&lt;br&gt;Ioana Romelia Bratie&lt;br&gt;Omar Salim Choudary&lt;br&gt;Mircea Dan Gheorghe&lt;br&gt;Mentori&lt;br&gt;Decebal Popescu, Nirvana Popescu</td>
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<td></td>
<td>&quot;Poltehnica&quot; University of Bucharest</td>
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<td>2006</td>
<td>Four Place</td>
<td>BirdSpot</td>
<td>Alin Iulian Lazar&lt;br&gt;Andrei Gheorghe&lt;br&gt;Mihai George Ciureanu&lt;br&gt;Radu Nedelcut&lt;br&gt;Mentor&lt;br&gt;Nicolae Tapus</td>
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<td>&quot;Poltehnica&quot; University of Bucharest</td>
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<td>2006</td>
<td>Seven Place</td>
<td>Pi-CoPS Pipe Contamination Prevention System</td>
<td>Stefan Bucur&lt;br&gt;Razvan Tataroiu&lt;br&gt;Vlad Ureche&lt;br&gt;Mihai-Alexandru Balan&lt;br&gt;Mentor&lt;br&gt;Nicolae Tapus</td>
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Nicolae Tapus, Section Chair, March 10, 2007