



**IEEE ROMANIA Section Report – March-August 2011**

**Officers: IEEE Romania Committee**

**Election Date: February 26, 2010**

**Term End Date: 31/12/2012**

|  |                        |                                |
|--|------------------------|--------------------------------|
| <b>Chair</b>                                 | Dobrescu Radu          | radud@isis.pub.ro              |
| <b>Vice-Chair</b>                            | Eremia Mircea          | eremia1@yahoo.com              |
| <b>Secretary</b>                             | Negrescu Cristian      | negrescu@elcom.pub.ro          |
| <b>Treasurer</b>                             | Toma Lucian            | lucian_toma_ro@yahoo.com       |
| <b>Past Chair</b>                            | Tapus Nicolae          | ntapus@cs.pub.ro               |
| <b>Membership Development</b>                | Rau Svetlana           | nanarau@ieee.org               |
| <b>Professional and Technical Activities</b> | Popescu Mihai Octavian | mo_popescu@rectorat.pub.ro     |
| <b>Chapters Coordinator</b>                  | Serbanescu Alexandru   | serbalexe1@yahoo.com           |
| <b>Educational Activities</b>                | Nedeveschi Sergiu      | sergiu.nedeveschi@cs.utcluj.ro |
| <b>Industrial Relations Coordinator</b>      | Bodea Mircea           | mirceabodea@yahoo.com          |
| <b>Social and Administrative Activities</b>  | Stancu Alexandru       | alstancu@uaic.ro               |
| <b>Student Activities Chair</b>              | Mugurel Andreica       | mugurel.andreica@cs.pub.ro     |

**Student Matters:**

- Student Activities Chair: Mugurel Andreica

**Section Membership:**

| Section Name    | IEEE Current Grade Description | Members 2009 | Members 2010 | Members 2011 |
|-----------------|--------------------------------|--------------|--------------|--------------|
| Romania Section | Affiliate                      | 36           | 40           | 38           |
|                 | Associate Member               | 32           | 35           | 41           |
|                 | Fellow                         | 1            | 1            | 1            |
|                 | Graduate Student Member        | 117          | 96           | 158          |
|                 | Life Fellow                    | 1            | 1            | 1            |
|                 | Life Member                    | 1            | 1            | 3            |
|                 | Life Senior                    | 0            | 0            | 1            |
|                 | Member                         | 612          | 755          | 708          |
|                 | Senior Member                  | 62           | 60           | 64           |
| Student Member  | 64                             | 33           | 48           |              |
| <b>Total</b>    |                                | <b>926</b>   | <b>1022</b>  | <b>1063</b>  |

**Society Membership**

| Society | Membership 2010 | Membership 2011 |
|---------|-----------------|-----------------|
| C016*   | 184             | 195             |
| COM019* | 110             | 136             |
| PE031*  | 90              | 96              |
| CIS011  | 95              | 84              |
| SP001*  | 76              | 84              |
| IM009*  | 52              | 70              |
| MAG033* | 67              | 65              |
| IE013   | 34              | 63              |
| CAS004  | 60              | 52              |
| IA034   | 46              | 62              |
| PEL035* | 35              | 50              |
| CS023*  | 60              | 58              |
| VT006   | -               | 17              |
| BT002   | 26              | 15              |

| Society | Membership 2010 | Membership 2011 |
|---------|-----------------|-----------------|
| RA024   | 32              | 51              |
| EMB018* | 31              | 42              |
| E025*   | 35              | 38              |
| EMC027* | 34              | 37              |
| MTT017* | 30              | 33              |
| ED015   | 30              | 26              |
| SMC028  | -               | 30              |
| CPMT021 | -               | 29              |
| IT012*  | -               | 20              |
| WEI050  | -               | 20              |
| AP003   | -               | 19              |
| SSC037  | 24              | 17              |
| DEI032  | -               | 13              |

The sign “\*” relates the active Chapters that has reported their activity using the L31 Form in 2010



### Chapter Chairs

|     | <b>Chapters</b>   | <b>Chapter chairs</b>             |                              |
|-----|---|-----------------------------------|------------------------------|
| 1.  | ED015 Electron Devices Society  | Profirescu Marcel                 | edil@edil.pub.ro             |
| 2.  | CAS004/<br>CS023 Circuits and Systems Society/Control Systems Society                     | Constantinescu Florin             | florinc@lmn.pub.ro           |
| 3.  | COM019/<br>IT012/SP001 Communications/IEEE Information Theory/Signal Processing Societies | Croitoru Victor                   | croitoru@adcomm.pub.ro       |
| 4.  | CPMT021 Components Packaging and Manufacturing Tech. (joint with Hungary)                 | Pitica Dan                        | Dan.Pitica@ael.utcluj.ro     |
| 5.  | PE031 Power Engineering Society   | Eremia Mircea                     | eremia1@yahoo.com            |
| 6.  | C016 Computer Society   | Tapus Nicolae                     | ntapus@cs.pub.ro             |
| 7.  | MAG033 Magnetic Society   | Stancu Alexandru                  | alstancu@uaic.ro             |
| 8.  | EMC027 Electromagnetic Compatibility Society  | Andrei Marinescu<br>(in Bulgaria) | amarin@icmet.ro              |
| 9.  | LEO036/<br>GRS029 Lasers & Electro-Optics / Geoscience & Remote Sensing Society, Bulgaria | Buzuloiu Vasile                   | buzuloiu@alpha.imag.pub.ro   |
| 10. | SP001 Signal Processing Society   | Rasvan Vladimir                   | vasvan@automation.ucv.ro     |
| 11. | CS023 Control Systems Society   | Lojewski George                   | george.lojewski@munde.pub.ro |
| 12. | MTT017 Microwave Theory and Techniques Society  | George Dima Gabriel               | gabriel.dima@reu.pub.ro      |
| 13. | E025 Education Society  | Popescu Mihai Octavian            | mo_popescu@rectorat.pub.ro   |
| 14. | PEL035 Power Electronics Society  | Vasile Bota                       | Vasile.Bota@com.utcluj.ro    |
| 15. | COM019 Communications Society   | Golovanov Carmen                  | cgolov@electro.masuri.pub.ro |
| 16. | IM009 Instrumentation and Measurement Society   | Morega Alexandru                  | amm@iem.pub.ro               |
| 17. | EMB018 Engineering in Medicine and Biology Society  | Coanda Henri-George               | coanda_henri@yahoo.com       |
| 18. | BT002 Broadcast Technology Society  | Florea Adina                      | Adina.Florea@cs.pub.ro       |
| 19. | CI011 Computational Intelligence Society  | Ion Boldea                        | boldea@lselinux.upt.ro       |
| 20. | IA034 Industry Applications Society   |                                   |                              |

### **Students branch chapters**

1. CAS004/CS023 Circuits and Systems Society/Control Systems Society
2. CPMT021 Components Packaging, and Manufacturing Technology
3. COM019 Communications Society
4. C016 Computer Society
5. ED015/COM019 Electron Devices Society/Communications Society
6. ED015 Electron Devices Society
7. PE031 Power Engineering Society
8. MAG 033 Magnetic Society

### **Activities after March 1, 2011 and upcoming scientific events in Romania**

ATEE 2011 - **The 7th International Symposium on Advanced Topics In Electrical Engineering**  
May 12-14, 2011, Bucharest, Romania  
<http://atee2011.elth.pub.ro/>

SpeD 2011 – **The 6th Conference on Speech Technology and Human - Computer Dialogue**  
May 18-21, 2011, Braşov, Romania  
<http://www.sped2011.ro/>



**CSCS 18 – The 18th Int. Conf. on Control Systems and Computer Sciences**  
May 24-27, 2011, Bucharest, Romania  
<http://cscs18.ncit.pub.ro/>

International Workshop on Genomic Signal Processing (GSP)  
27-28 June 2011, University “Politehnica” of Bucharest, Senate Hall, Romania  
<http://ta.ieee.org/InfoSched/Submission.aspx?tag=19388>

**IEEE Region 8 Chapter Chairs Meeting**  
29 June 2011, University “Politehnica” of Bucharest, Senate Hall, Romania

**REV2011- Remote Engineering & Virtual Instrumentation Conference** at Transylvania University,  
June 28 - July 1, 2011, Brasov, Romania  
<http://fizica.unitbv.ro/rev2011/>

**ECAI 2011- Electronics, Computers and Artificial Intelligence Conference,**  
30 June - 2 July 2011, Pitesti, Romania  
<http://www.upit.ro/index.php?i=880>

**Upcoming events:**

**CAS 2011- International Semiconductor Conference**  
17-19 oct 2011, Sinaia, Romania  
[http://www.imt.ro/cas/general\\_information/index.htm](http://www.imt.ro/cas/general_information/index.htm)

**EHB 2011- 3<sup>rd</sup> International Conference on E-Health and Bioengineering**  
24-26 November 2011, Iasi, Romania  
<http://www.bioinginerie.ro/ehb2011>

**Invited lecturers in 2011:**

1. Dr. Sorin Olaru (Supelec) - Path following with collision avoidance for Multi-Agent Systems
2. Prof. Helmuth Hutten (Graz University of Technology) - Molecular Bioengineering
3. Prof. Benny Bing (Georgia Institute Technology) - Wireless Networks
4. Dr. Brian Martin (CERN) ATLAS experiment
5. Prof. Andrew Tannenbaum (Vrije University, Amsterdam) - Parallel and Distributed Computer Systems
6. Dr. Sylvester Arnab (Serious Games Institute) - Game-Based Learning on a Multi-modal Platform

**Best practices:**

Romania Section has a very active collaboration with:

- National Power Grid Company Transelectrica S.A.
- Romanian General Engineers Association – AGIR
- Romanian Technical Science Academy – ASTR
- Romanian National Committee of CIGRE
- Romanian National Committee of World Energy Council – CNR-CME

and organize common events, involving participation of students, young engineers and professionals.

**Topics of concern:**

- Financial support for young members to attend conferences
- Difficult to maintain the student members as IEEE members after graduation
- Difficult to recruit new volunteers for being more active in the IEEE activities among both regular members and student members