IEEE Region 8 Director’s report

Marko Delimar
18 August 2011
RECENT DEVELOPMENTS AND ACTIVITIES
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Location</th>
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<tbody>
<tr>
<td>22-23 Jan</td>
<td>IEEE Region 8 OpCom Meeting</td>
<td>Vienna, Austria</td>
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<tr>
<td>25-27 Mar</td>
<td>IEEE Region 8 Committee Meeting</td>
<td>London, England, UK</td>
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<tr>
<td>27-29 Apr</td>
<td>IEEE EUROCON</td>
<td>Lisbon, Portugal</td>
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<td>11-12 Jul</td>
<td>IEEE Region 8 N&amp;A Meeting</td>
<td>Istanbul, Turkey</td>
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<td>18-19 Aug</td>
<td>IEEE Region 8 Committee Meeting</td>
<td>San Francisco, California, USA</td>
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<td>13-15 Sep</td>
<td>IEEE AFRICON</td>
<td>Livingstone, Zambia</td>
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<tr>
<td>8-9 Oct</td>
<td>IEEE Region 8 OpCom Meeting</td>
<td>Rome, Italy</td>
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Updates from the IEEE MGA meeting 25 June 2011

- IEEE Mauritius Subsection was approved
- IEEE Sudan Subsection was approved
- IEEE Palestine Subsection petition was received
  – the formation is pending further administrative measures
- MGA endorsed a new Bundled IEEE/Society membership model
- Section officer’s term limits were established
Officer’s Term Limits

During the 25 June 2011 meeting the MGA passed the following motion:

1. All Section officers must be elected. This election can be conducted annually or every two years. An individual may serve two consecutive terms of office.

2. A lifetime term limit shall be established for Section officers. An individual shall not serve in a position for more than 3 terms (i.e. 6 years) provided there is at least a one term break.

3. The MGA Operations Manual to be revised to incorporate text which explains how an individual may be removed from the position and how an individual can be suspended from office.
Officer rejuvenation

Updates from the IEEE BoD meeting 27 June 2011

- Highlights of IEEE activities in Africa, including an environmental scan, were provided
- A discussion was held on a new Bundled IEEE/Society membership model
Bundled IEEE/Society membership model
IEEE Milestone – Discovery of Superconductivity

8 April 2011, Leiden, Netherlands

On 8 April 1911, in this building, Professor Heike Kamminga, Onnes and his collaborators, Cornelis Dorsman, Gerrit Jan Fijn, and Gilles Holst, discovered superconductivity. They observed that the resistance of mercury approached “practically zero” as its temperature was lowered to 3 kelvin. Today, superconductivity makes many electrical technologies possible, including Magnetic Resonance Imaging (MRI) and high-energy particle accelerators.

April 2011
IEEE Milestone - Marconi's Early Experiments in Wireless Telegraphy

29 April 2011, Pontechio Marconi (Bologna), Italy
An update to the Short History of Region 8

- 14 February 1962: Informal meeting of the Intersectional Committee, Europe (4 Sections: Benelux, France, Geneva, Italy)
- 6 March 1962: Sending of the final petition (from the Benelux Section) to the IRE Board of Directors
- 24 April 1962: Approval by the IRE Executive Committee
- 24 May 1962: Approval by the IRE Board of Directors
- 6 June 1962: Inaugural meeting of the IRE Region 9 Committee – 12 attendees – 6 Sections: Benelux, Egypt, France, Geneva, Israel, Italy
- 22 October 1962: Second IRE Region 9 Committee meeting – 7 Sections (new Section: UK and Eire)
- 8 January 1963: Re-approval by the IEEE Board of Directors (after the merger); renaming of IRE Region 9 to IEEE Region 8
- 22 April 1963: First IEEE Region 8 Committee meeting – 8 Sections (new Section: Norway)
Celebrating 50 years of IEEE Region 8
Region 8 Committee Composition

- Marko Delimar, Director
- Martin Bastiaans, Director-Elect
- Józef Modelski, Past Director
- Brian Harrington, Treasurer
- Costas Stasopoulos, Secretary
- Ali El-Mousa, Vice Chair - Member Activities
- Elias Nassar, Vice Chair - Student Activities
- Saurabh Sinha, Vice Chair - Technical Activities

- The Region 8 Section Chairs

- Appointed Members
Changes to the composition of the R8 Committee and its subcommittees (since March 2011)

Women in Engineering Coordinator
- Ferdinanda Ponci (Germany)

Chapter Coordination Subcommittee
- --> see VC TA report

Nominations and Appointments Subcommittee
- Tunde Salihu (Nigeria) - elected in March

Strategic Planning Subcommittee
- Hafidh S Al-Samarrai (Saudi Arabia, West)
What Does the Region Committee Do?

- Conducts two annual meetings of the Region leadership
  - Used for coordination of the Region business and for TRAINING
- Supports the activities of the local geographical units
- Coordinates meetings for technical and professional purposes throughout the Region
  - Including student events
- Coordinates activities between R8 entities and OUs from outside the Region
- Engages in member development
REGION 8 COMMITTEE
MISSION AND VISION
Vision of Region 8 Committee

- Ensure that Region 8 is an effectively organized, dynamic and influential entity, recognized as a leading and esteemed part of a truly transnational IEEE, with IEEE benefits equally available to all members
Mission of Region 8 Committee

- To serve the needs of the members of the Institute, the profession and society at large, by enhancing and supporting the IEEE’s Organizational Units and their activities within Region 8
Key steps to Realize the Mission

- Provide a platform for coordination, motivation and interaction among R8 units
- Provide a link between the Region and other IEEE organizational units
- Work to achieve smooth and effective operations in different countries
  - recognizing cultural differences, and effectively cooperating with national societies and other organizations
- Expand IEEE presence and activities to new areas (geographic locations) in R8
- Promote the transnational nature of IEEE within the Region and the Institute
The World
Membership Dynamics
Fellows and Senior Members
Students
Percent of total IEEE Membership by Region
(31 December 2010)

- R8: 18%
- R9: 4%
- R10: 22%
- R1: 9%
- R2: 8%
- R3: 8%
- R4: 6%
- R5: 7%
- R6: 14%
- R7: 4%
Organizational Units – 1 January

- 56 Sections
  - a few new ones “in formation”

- 6 Subsections
  - 2 outside Sections

- 495 Society Chapters

- 57 Affinity Groups

- 342 Student Branches

- 69 Student Branch Chapters

- 40 Student Branch Affinity Groups
Organizational Units – 1 July

- 56 Sections
  - a few new ones “in formation”
- 8 Subsections
  - 4 outside Sections
- 512 Society Chapters
- 58 Affinity Groups
- 361 Student Branches
- 77 Student Branch Chapters
- 48 Student Branch Affinity Groups
„Average R8 Section”

- **1400 Members**
- **18 OU’s**
  - 9 Chapters
  - 1 Affinity Group
  - 6 Student Branches
  - 1 SB Chapter
  - 1 SB Affinity group
Organizational Units
Rate of Section Formation

- 50-59: 4
- 60-69: 6
- 70-79: 8
- 80-89: 7
- 90-99: 8
- 00-10: 18
### Size Distribution of Sections

<table>
<thead>
<tr>
<th>Size (members)</th>
<th>Number of Sections</th>
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<tbody>
<tr>
<td>0-100</td>
<td>4</td>
</tr>
<tr>
<td>100-500</td>
<td>22</td>
</tr>
<tr>
<td>500-1000</td>
<td>11</td>
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<tr>
<td>1000-2000</td>
<td>9</td>
</tr>
<tr>
<td>2000-3000</td>
<td>5</td>
</tr>
<tr>
<td>3000-7000</td>
<td>3</td>
</tr>
<tr>
<td>7000-11000</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>56</strong></td>
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R8 Sub-sections - potential new sections

- Tanzania - 30
- Botswana - 49
- Mauritius - 73
- Sudan - 183
- Palestine* - 244
R8 Conferences

- EuroCon
- MEleCon
- AfriCon
- SibirCon
- EnergyCon
- HistelCon

Approximately 300 IEEE conferences are held in Region 8 every year
- Most are technically co-sponsored
Student Activities

Iberian SBC, Madrid
ME SBC, Doha
CE SBC, Linz
UKRI SBC, London
IEEE R8 Student Paper Contest (SPC)

- SPC is a IEEE activity with a long tradition of excellence
- One of the oldest R8 Student Activities
- Mixture of student-technical-educational-scientific activities
- Local contest is at Student Branch level
- The winner(s) of each SB Contest may compete for R8 SPC
- There are 60+ Sections/SubS. and over 350 SBs in Region 8
- Most Sections have more than one SB, but often no local SPC were organized in MANY Sections for MANY years
- SBs SPC activities highly depend on Sections help and support
Student Paper Contest 2011

This year we had contestants from 17 Sections and 22 Student Branches:

1. Katholieke Universiteit Leuven SB, Benelux
2. Université Catholique de Louvain SB, Louvain-la-neuve, Benelux
3. University of the Witwatersrand SB, Johannesburg, South Africa
4. University of Cape Town SB, South Africa
5. School of Electrical and Computer Engineering SB, University of Tehran, Iran
6. Karlsruhe Institute of Technology SB, Germany
7. National School of Engineers of Sfax (ENIS) SB, Tunisia
8. Queen Mary University of London SB, UKRI
9. University of Maribor, University of Ljubljana SB, Slovenia
10. Polytechnic University of Bucharest, Romania
11. Graz University of Technology SB, Austria
12. Democritus University of Thrace SB, Greece
13. University of Patras SB, Greece
14. Cairo University SB, Egypt
15. Belarusian State University SB, Belarus
16. American University of Sharjah SB, United Arab Emirates
17. Manipal University Dubai SB, United Arab Emirates
18. The Petroleum Institute SB, Abu Dhaby, United Arab Emirates
19. Strossmayer University of Osijek SB, Croatia
20. Czech Technical University Prague, Czechoslovakia
21. University of Malta SB, Malta
22. KTH Royal Institute of Technology SB, Sweden
GOLD Activities

- IEEE Day
- GOLD Book
- Many, many more
R8 website – www.ieee.org/r8
January 2011: 11,635 visits from 132 countries/territories

Required upgrades to the R8 website – behind schedule!
KEY CHALLENGES

-- UPDATE --
Region 8 Primary Challenges

(1) Africa

- To gather information on the potential IEEE community
- Development of activities, with a focus on university programs
- Addressing power and energy infrastructure issues
- Addressing education issues in the areas of pre-university education, university-level education and accreditation
Region 8 Primary Challenges
(2) Cooperation with European agencies

- To understand current Standards and Education initiatives in the Region, and how the Region, through its activities, could potentially support them

- The development of contacts and pilot projects with local associations and related organizations
Region 8 Primary Challenges (3) Conferences

- To gather information on the overall state of affairs of IEEE conferences in R8
- A review of Region’s track record and performance with conferences
- Development of a long-term conference strategy for the Region
“WORD OF THE DAY!”
Thank you!