The 2011 SAC Team

Jorge

Elias

Eva

George

Hossam

Jef

Muhammad
## The 2011 SAC Team

<table>
<thead>
<tr>
<th>Team Member</th>
<th>Position</th>
<th>Cross Appointed To</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eva Lang</td>
<td>Past Chair</td>
<td><strong>TA/Education Activities</strong></td>
<td>Pre-University Activities</td>
</tr>
<tr>
<td>Jorge Soares</td>
<td>Student Representative</td>
<td><strong>MA/GOLD</strong></td>
<td>Transition of Students to GOLD</td>
</tr>
<tr>
<td>Muhammad Mustafa</td>
<td>Student Branch Coordinator</td>
<td><strong>TA/Chapter Coordination</strong></td>
<td>Student Branch Chapters</td>
</tr>
<tr>
<td>Jef Beerten</td>
<td>Awards &amp; Contests Coordinator</td>
<td><strong>MA/Professional Activities</strong></td>
<td>Student Professional Activities</td>
</tr>
<tr>
<td>Hosam Fahmy</td>
<td>Web Activities Coordinator</td>
<td></td>
<td>SAC Web Activities</td>
</tr>
<tr>
<td>George Paunovich</td>
<td>SPC Coordinator</td>
<td></td>
<td>R8 SPC</td>
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</tbody>
</table>
Goals & Objectives of SAC

• Develop student activities (including contests, awards)
• Foster student members’ awareness of IEEE activities and existing benefits
• Represent student interests and voice student concerns
• Help with the formation of new Student Branches, Chapters, and Affinity Groups
• Help with communication between existing Branches, Chapters, and Affinity Groups
• Increase student membership and develop retention strategies
• Reach out to pre-university students
• Liaise with other IEEE committees such as GOLD, PA, EASC, WIE
• Bring more fun to IEEE!
Communicating with Student Members

• **R8SAC Website**
  (617 registered users, 12,649 page views and 11,567 visitors since January 2011)

• **Facebook** (1,389 likes)

• **Twitter** (237 followers)

• **Monthly Chat Session** (15 participants on average) on topics such as Awards and contests, Planning Branch activities, Online reporting, etc

• **Forum** (Ask SAC, Branch Activities, General Chat, 58 Messages, 22 Subjects since start of Forum, one year)
Communicating with Student Members

• **SB Newsfeed**
  (4 in 2008 by 2 branches, 18 in 2009 by 4 branches, 39 in 2010 by 8 branches, Now 81 by 12 branches)

• Responding to **Email inquiries** from student members

• Preparation of E-notice mailings to students (2 per year)

• R8SAC News (about 12 articles per year)

• Emails to SB Chairs and Counselors (every 4 months)
Website Activity Statistics

* Since Jan 1, 2011
Overview of Student Membership in R8

- Two Milestones in 2011:
  - >20,000 Student Members
  - >350 Student Branches

- Students: 9086
- Graduate Students: 11,221
- Total: 20307*
- Student Branch count: 352
- Student Branch Chapter count: 77
- WIE AG count: 48

*As of July 25, 2011
Overview of Student Membership in R8

As of July 25, 2011:

- 20 New Student Branches
- 7 New Student Branch Chapters
- 3 New Student Branch WIE AG
# Overview of Student Membership in R8

<table>
<thead>
<tr>
<th>Section</th>
<th>SB</th>
<th>Section</th>
<th>SB Chapter</th>
<th>Section</th>
<th>SB WIE AG</th>
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<tr>
<td>Greece</td>
<td>4</td>
<td>Benelux</td>
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<td>UAE</td>
<td>1</td>
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<tr>
<td>Turkey</td>
<td>3</td>
<td>Italy</td>
<td>1</td>
<td>UKRI</td>
<td>1</td>
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<tr>
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<td>Lebanon</td>
<td>1</td>
<td>Turkey</td>
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<tr>
<td>Nigeria</td>
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<td>Spain</td>
<td>1</td>
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<tr>
<td>R8 OS</td>
<td>2</td>
<td>South Africa</td>
<td>1</td>
<td></td>
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<tr>
<td>Cyprus</td>
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<td>UKRI</td>
<td>1</td>
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<td>Egypt</td>
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<td>Turkey</td>
<td>1</td>
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<tr>
<td>Ghana</td>
<td>1</td>
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<tr>
<td>Germany</td>
<td>1</td>
<td></td>
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<tr>
<td>UKRI</td>
<td>1</td>
<td></td>
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<tr>
<td>Spain</td>
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<tr>
<td>Russia NW</td>
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</table>
## Top 10
### As of June 2011

#### Branches with Largest Student Enrollment

<table>
<thead>
<tr>
<th>Section</th>
<th>Student Branch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Egypt Section</td>
<td>Alexandria Univ</td>
</tr>
<tr>
<td>Benelux Section</td>
<td>Eindhoven Univ of Technology</td>
</tr>
<tr>
<td>Croatia Section</td>
<td>Univ Of Zagreb</td>
</tr>
<tr>
<td>Switzerland Section</td>
<td>Swiss Federal Inst Of Tech-Ethz</td>
</tr>
<tr>
<td>Benelux Section</td>
<td>K U Leuven</td>
</tr>
<tr>
<td>Germany Section</td>
<td>Munich Technical Univ Of</td>
</tr>
<tr>
<td>Sweden Section</td>
<td>Royal Inst Of Tech</td>
</tr>
<tr>
<td>Lebanon Section</td>
<td>American Univ Of Beirut</td>
</tr>
<tr>
<td>Benelux Section</td>
<td>Delft Univ Of Tech Sb</td>
</tr>
<tr>
<td>Spain Section</td>
<td>Universidad Politecnica de Madrid</td>
</tr>
</tbody>
</table>
### Top 10
As of June 2011

**Branches with Largest Undergraduate Enrollment**

<table>
<thead>
<tr>
<th>Section</th>
<th>Student Branch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Egypt Section</td>
<td>Alexandria Univ</td>
</tr>
<tr>
<td>Lebanon Section</td>
<td>American Univ Of Beirut</td>
</tr>
<tr>
<td>Saudi Arabia Section</td>
<td>Jubail Industrial College SB</td>
</tr>
<tr>
<td>United Arab Emirates Section</td>
<td>Birla Inst Of Tech &amp; Science - Dubai</td>
</tr>
<tr>
<td>South Africa Section</td>
<td>University of Cape Town</td>
</tr>
<tr>
<td>Jordan Section</td>
<td>Jordan Univ Of</td>
</tr>
<tr>
<td>Benelux Section</td>
<td>Eindhoven Univ of Technology</td>
</tr>
<tr>
<td>Turkey Section</td>
<td>Bilkent Univ Sb</td>
</tr>
<tr>
<td>Reg 8-Countries Outside</td>
<td>An-Najah National University SB</td>
</tr>
<tr>
<td>Reg 8-Countries Outside</td>
<td>Mamoun Private Univ for Science and Tech</td>
</tr>
</tbody>
</table>
## Top 10
### As of June 2011

### Branches with Largest Graduate Enrollment

<table>
<thead>
<tr>
<th>Section</th>
<th>Student Branch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland Section</td>
<td>Swiss Federal Inst Of Tech-Ethz</td>
</tr>
<tr>
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<td>Univ Of Zagreb</td>
</tr>
<tr>
<td>Sweden Section</td>
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<tr>
<td>Benelux Section</td>
<td>K U Leuven</td>
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<td>Germany Section</td>
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<td>Eindhoven Univ of Technology</td>
</tr>
<tr>
<td>Benelux Section</td>
<td>Delft Univ Of Tech Sb</td>
</tr>
<tr>
<td>Spain Section</td>
<td>Universitat Politecnica de Catalunya</td>
</tr>
<tr>
<td>Germany Section</td>
<td>Aachen Univ Of Tech - Rwth</td>
</tr>
<tr>
<td>U.K.&amp; Rep Of Ireland Section</td>
<td>Univ of Manchester</td>
</tr>
</tbody>
</table>
Top 10
As of June 2011

Sections with Largest Number of SBs

<table>
<thead>
<tr>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkey</td>
</tr>
<tr>
<td>Egypt</td>
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<tr>
<td>Germany</td>
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<td>Italy</td>
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<tr>
<td>Nigeria</td>
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<tr>
<td>Spain</td>
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<tr>
<td>UAE</td>
</tr>
<tr>
<td>France</td>
</tr>
<tr>
<td>Greece</td>
</tr>
<tr>
<td>Jordan</td>
</tr>
</tbody>
</table>
Student Activities In 2011
CeusSBC May 12-14, Linz, Austria

- Technical sessions
  - Keynote on "Digital Music"
  - Ars Electronica museum
- Training workshops
  - IEEE and R8SAC
  - SB Management
  - Sharing best practices
- Networking events
  - Paper plane competitions on the rooftops of Linz
  - Party

- 1st edition very successful
- 40 attendees from Austria, Croatia, Czech Republic, Germany, Poland, Portugal
Student Activities In 2011
Egyptian Student Branch Meeting

- El Fayoum University SB, Egypt
- 16-17th April
- More than 75 attendees
- SB Chair meeting
- Workshops
- GOLD engagement
- Distinguished lecturer
- Industry speakers
Student Activities in 2011
Twin Student Branch Program

- Increasing interest from Student Branches
- New Application Form Designed
- Won the best student activity concept among IEEE Regions at the MGA SAC meeting in Seattle June 2011
IEEE R8 Student Paper Contest
SPC 2011

• SPC is contest for undergraduate and MSc IEEE students
• SPC is a two-stage process:
  o Local contest is at Student Branch level
  o Each SB Contest winner(s) may compete for the R8 SPC
• Paper submission deadline to R8: December 15, each year
• An international Jury reviews the papers anonymously

SPC 2011 Oral Finals were organized along with the EUROCON 2011
Lisbon, Portugal
27-29 April 2011
IEEE R8 Student Paper Contest
SPC 2011 - Results

- 32 papers submitted
- 29 papers accepted and graded
- 22 Student Branches/Institutions
- 17 Sections involved
- 5 best papers at Oral Finals
IEEE R8 Student Paper Contest
SPC 2011 - Results

Finalists/winners from SBs/Section:

• KU Leuven, Benelux – I prize
• Univ Witwatersrand, Johannesburg, South Africa – II prize
• Karlsruhe Inst.Tech., Germany - III prize
• School of E&C Eng, Univ Tehran, Iran
• National School of Eng Sfax Tunisia
Upcoming Student Activities
UKRI Student Branch Congress

• Queen Mary SB, London, UK
• 2-4\textsuperscript{th} September
• SB Chair meeting
• Workshops
• Ethics competition
• Distinguished lecturers
• Industry speakers
Upcoming Student Activities

SPC 2012

• SPC 2012 has already started!
  o SB papers deadline Dec 15, 2011
• Oral Finals 2012 will be at MELECON2012, 25-28 March 2012, Hammamet, Tunisia
• First SPC 2012 call was sent to R8 SB Chairs, SB Counselors, as well to all Section Chairs
• All R8 student members got recently an SPC 2012 reminder

Most SBs never participated in SPC. WHY ?!
Sections should promote, support and co-organize SPCs within their Student Branches!
Upcoming Student Activities
IEEE Day

- R8-born idea
- First edition - October 7/8 2010
  - 75 celebrations worldwide, many in R8, most by students
  - Most award winners from R8

- 2011 Edition - October 6
  - Celebrate!
  - Photo contest

Please encourage and support branch activities!
Upcoming Student Activities

EPICS High

• Sponsored by IEEE Educational Activities Board
• Running for one year
• NGO, SB and High School partner to implement an "Engineering Project in Community Service"
• Very successful showcase examples in
  o South Africa
  o Zambia
  o Uganda
  o ...
  o Your Section?

IEEE Xtreme 5.0

• 24-Hour programming competition
• In 2010, 164 teams from Region 8 participated

15 of them ranked in the top 25!
Including First Place for Belarus Section Team and Third Place for Estonia Section Team!

• The 2011 Contest will be held on 22 October 2011
• More information is available at http://www.ieee.org/xtreme
22 October 2011
0:00:00 GMT – 23:59:59 GMT
Registration Starts Early September

Prizes

1st Prize
All expense paid trip for team to IEEE conference anywhere in the world

2nd and 3rd Prize
Netbook computers

Top Regional Prize
Special IEEE gear

All participants
T-shirts and certificates

Special Volunteer Recognition*
Best Region / Best Section / Best Student Branch

2010 Competition Stats
• 755 teams participated – 54% growth from 2009
• 2098 students; 346 proctors; 50 volunteers/staff
• 50 countries represented from all 10 IEEE regions
• 253 universities/SB’s with team(s)

www.ieee.org/xtreme
www.facebook.com/ieeextreme

For any questions write to  xtreme5.0@ieee.org
Student Branches and GOLD Congress
SBC 2012

Istanbul ... Eindhoven ... Cairo ...
Passau ... Paris ... London ...
Leuven .... 2012 ?
Section Chairs
SAC Needs Your Help!

• Revive Dormant Branches, Branches with no students

• Branches with no recorded Chairs and/or Counselors

• Appoint Section Student Representative (SSR) and Section Student Activities Coordinator (SSAC)

• Info on Duplication of School Names in the Branch List

• Create a Section Student Activities Award

• Encourage Branches to apply for IEEE R8 and Global Awards and Contests
Thank you 😊
r8sac@ieee.org
www.r8sac.org
IEEE Region 8

2011 Student Awards & Contests
Results
2011 Awards & Contests Results

• Region 8 Exemplary Student Branch Award
  
  o Princess Sumaya University SB (Jordan)
  o Bilkent University SB (Turkey)
  o Institute for Radiophysics & Electronics - Kharkiv SB (Ukraine)
  o Alexandria University SB (Egypt)
  o Middle East Technical University SB (Turkey)
  o Cairo University SB (Egypt)
  o K.U.Leuven SB (Benelux)
  o Yıldız Technical University SB (Turkey)
  o Southampton University SB (UKRI)
  o University of Malta SB (Malta)
  o University of Central Greece SB (Greece)
  o Istanbul Technical University SB (Turkey)
2011 Awards & Contests Results

• Outstanding Branch Counselor and Advisor Recognition Program
  o Region 8 submissions
    ▪ Ms. Tracey Cassar, University of Malta SB (Malta)
    ▪ Dr. Mona Ghassemain, University of Greenwich SB (UKRI)

• Region 8 Larry K Wilson Student Activities Award
  o Sinan Sabih, TAMU-Q SB, Qatar for organizing ME SBC 2011
2011 Awards and Contests Results

• Region 8 Student Branch Website Contest
  o 1st: University of Pretoria SB (South Africa)
  o 2nd: Alexandria University SB (Egypt)
  o 3rd: University of Greenwich SB (UKRI)
2011 Awards and Contests Quiz

• Which section received…
  o the most certificates/awards?
  o the largest variety of certificates/awards?

• Which student branches received…
  o > 1 certificate/award?
Congratulations!

r8sac@ieee.org

www.r8sac.org