

IEEE Region 8 Student Activities Committee

97th Region 8 Committee Meeting
San Francisco - August 18, 2011



The 2011 SAC Team



Jorge



Elias



Eva



George



Hossam



Jef



Muhammad

The 2011 SAC Team

Team Member	Position	Cross Appointed To	Coordinates
Eva Lang	Past Chair	TA/Education Activities	Pre-University Activities
Jorge Soares	Student Representative	MA/GOLD	Transition of Students to GOLD
Muhammad Mustafa	Student Branch Coordinator	TA/Chapter Coordination	Student Branch Chapters
Jef Beerten	Awards & Contests Coordinator	MA/Professional Activities	Student Professional Activities
Hosam Fahmy	Web Activities Coordinator		SAC Web Activities
George Paunovich	SPC Coordinator		R8 SPC

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!

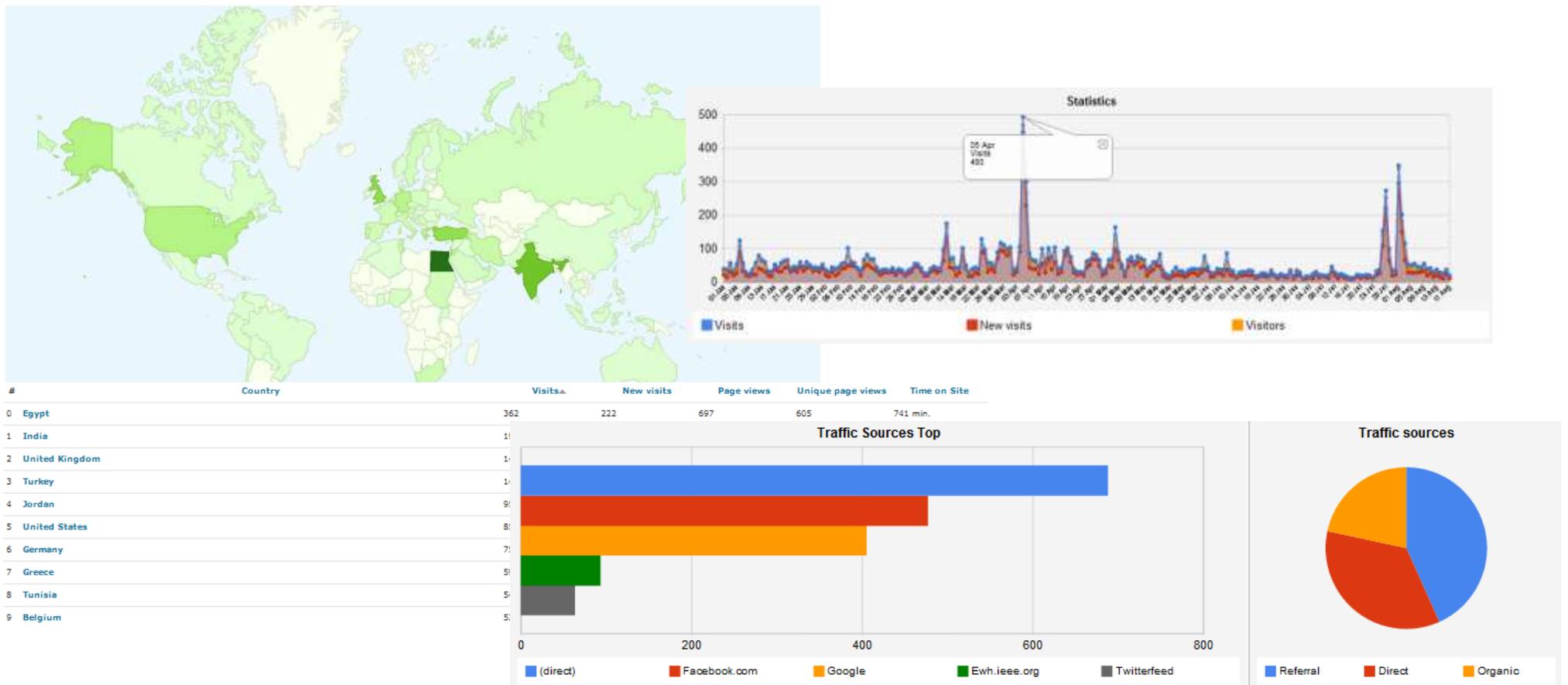
Communicating with Student Members

- **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

Section	SB	Section	SB Chapter	Section	SB WIE AG
Greece	4	Benelux	1	UAE	1
Turkey	3	Italy	1	UKRI	1
UAE	2	Lebanon	1	Turkey	1
Nigeria	2	Spain	1		
R8 OS	2	South Africa	1		
Cyprus	1	UKRI	1		
Egypt	1	Turkey	1		
Ghana	1				
Germany	1				
UKRI	1				
Spain	1				
Russia NW	1				

Top 10 As of June 2011

Branches with Largest Student Enrollment

Section	Student Branch
Egypt Section	Alexandria Univ
Benelux Section	Eindhoven Univ of Technology
Croatia Section	Univ Of Zagreb
Switzerland Section	Swiss Federal Inst Of Tech-Ethz
Benelux Section	K U Leuven
Germany Section	Munich Technical Univ Of
Sweden Section	Royal Inst Of Tech
Lebanon Section	American Univ Of Beirut
Benelux Section	Delft Univ Of Tech Sb
Spain Section	Universidad Politecnica de Madrid

Top 10 As of June 2011

Branches with Largest Undergraduate Enrollment

Section	Student Branch
Egypt Section	Alexandria Univ
Lebanon Section	American Univ Of Beirut
Saudi Arabia Section	Jubail Industrial College SB
United Arab Emirates Section	Birla Inst Of Tech & Science - Dubai
South Africa Section	University of Cape Town
Jordan Section	Jordan Univ Of
Benelux Section	Eindhoven Univ of Technology
Turkey Section	Bilkent Univ Sb
Reg 8-Countries Outside Section	An-Najah National University SB
Reg 8-Countries Outside Section	Mamoun Private Univ for Science and Tech

Top 10 As of June 2011

Branches with Largest Graduate Enrollment

Section	Student Branch
Switzerland Section	Swiss Federal Inst Of Tech-Ethz
Croatia Section	Univ Of Zagreb
Sweden Section	Royal Inst Of Tech
Benelux Section	K U Leuven
Germany Section	Munich Technical Univ Of
Benelux Section	Eindhoven Univ of Technology
Benelux Section	Delft Univ Of Tech Sb
Spain Section	Universitat Politecnica de Catalunya
Germany Section	Aachen Univ Of Tech - Rwth
U.K.& Rep Of Ireland Section	Univ of Manchester

Top 10

As of June 2011

Sections with Largest Number of SBs

Turkey
Egypt
Germany
Italy
Nigeria
Spain
UAE
France
Greece
Jordan

Student Activities In 2011

CeuSBC 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

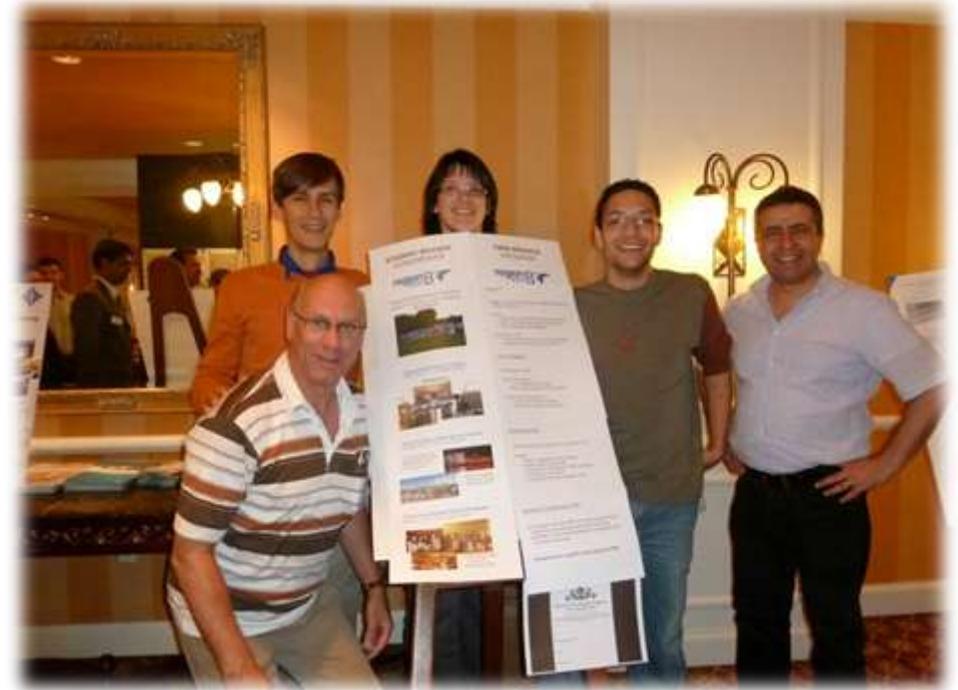
- El Fayoum University SB, Egypt
- 16-17th April
- More than 75 attendees
- SB Chair meeting
- Workshops
- GOLD engagement
- Distinguished lecturer
- Industry speakers



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:
 - Local contest is at Student Branch level
 - 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
- 2-4th September
- SB Chair meeting
- Workshops
- Ethics competition
- Distinguished lecturers
- Industry speakers



Upcoming Student Activities

SPC 2012

- SPC 2012 has already started!
 - 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



IEEEDAY2011
Empowering Members to Create the Future.

6 **OCTOBER**

Get Involved!
For information on how to plan an event in your area, please visit our website at www.ieeeday.org

IEEE Day is an opportunity to recognize IEEE around the world. Take part in this global event and help empower members to create the future!

www.ieeeday.org
Follow IEEE Day on   



The poster features three small images at the bottom: a globe made of many small photos, a person working at a computer, and a group of people in blue shirts standing in a line in front of the Great Pyramids of Giza.

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
 - South Africa
 - Zambia
 - Uganda
 - ...
 - **Your Section?**



https://origin.www.ieee.org/education_careers/education/preuniversity/epics_high.html

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>

IEEE XTREME PROGRAMMING COMPETITION 5.0

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 😊

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www.r8sac.org



IEEE Region 8

2011 Student Awards & Contests Results

2011 Awards & Contests Results

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

2011 Awards & Contests Results

- **Outstanding Branch Counselor and Advisor Recognition Program**
 - 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**
 - Sinan Sabih, TAMU-Q SB, Qatar for organizing ME SBC 2011

2011 Awards and Contests Results

- **Region 8 Student Branch Website Contest**
 - 1st: University of Pretoria SB (South Africa)
 - 2nd: Alexandria University SB (Egypt)
 - 3rd: University of Greenwich SB (UKRI)

2011 Awards and Contests Quiz

- **Which section received...**
 - the most certificates/awards?
 - the largest variety of certificates/awards?
- **Which student branches received...**
 - > 1 certificate/award?

Congratulations!

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