

R8 SAC

R8 Student Activities Committee

- Martin Bastiaans, Chair
- Marko Delimar, Past Chair
- Michael Gloegl, Student Representative
- Luka Lugaric, Electronic Communications
- **Pablo Herrero, Branch Coordination**
- Thomas Watteyne, Awards and Contests

R8 SAC – Report

1. General
2. Awards and Recognition on Region Level and Above
3. Contests on Region Level and Above
4. Student Branch Congresses on Section Level
5. Recent and Upcoming Major Events
6. Meetings and Visits
7. Ongoing Programs and Activities
8. Partner Organizations
9. Region 8 Specific Problems

See the agenda book



R8 SAC – Goals and objectives

- Create more student membership benefits at all IEEE levels
- Develop student activities (including contests, awards and promotion programs)
- Foster Student Members' awareness of IEEE activities and existing benefits
- Support students' initiatives and inform other IEEE organizational units about them
- 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
- Bring more fun to IEEE!



R8 – Student Branch Statistics – 1

- 258 Student Branches
- 18 652 Student Members
- 10 772 Student Members in Branches
(i.e. **58%** of the total number of Student Members)
- 99 Branches (with 806 members) have less than 20 members
- Average number of members in a Branch: 41.8
- 86 Branches (with 7 848 members) are above average
- Median number of members in a Branch: 72
- 41 Branches (with 5 383 members) are above median
- **Better retention rate for members in Branches**

R8 – Student Branch Statistics – 2

- While 2/3 of the Branches are below average, about 100 of them have less than 20 members. We should work on **reactivating** these **Branches**.
- Organization of students in branches is 58% on average. While in 25 Sections this percentage is less than average, in 10 Sections this percentage is even less than 25%. This includes several large Sections, having many Student Members. We should work on **launching new Student Branches** in those Sections where this seems feasible.
- Not all Sections have a Student Activities officer. Even less Sections have a Student Representative. Very few Sections work explicitly on a smooth transition from student membership to regular membership. **We have some work to do here!**

R8 VC SA – My philosophy

- Try to make people a member of IEEE when you can still find them easily: as **students**.
- To make IEEE attractive to young students, we need **active Student Branches**. Branch activities need not be restricted to technical ones (especially for young students). The branch should be the student's **IEEE home**.
- During their time as a student, Student Members should gradually **become aware of** the existence of a **Section**.
- When student membership ends, the Section should become the member's **IEEE home**. For this, we need an **active Section**, with active Chapters.
- The **transition** from student membership to regular membership should be improved.

R8 VC SA – Means to reach the goal – 1

- I want to have a **Student Representative** in each Section, to work together with the **Section's Student Activities officer**.
- This Section Student Representative serves not only as a **liaison** between the students and the Section, but also (and even more important) as a **liaison** between the different Student Branches in the Section.
- I am very much in favor of holding a **Student Branch Congress on the Section level**; organizing such a congress, will be an important task for the Section Student Representative. At such a congress, branches should learn from one another and pick up best practices from other branches, especially where the conditions in the Section are roughly the same for all branches.

R8 VC SA – Means to reach the goal – 2

- While having established more contacts between Student Branches, the branches should be aware of the others' activities, advertise them to one another, and open them for members of other branches. Students thus **become aware of the existence of a Section.**
- When students reach a higher level in their study, they will also start to **know and appreciate the Section's Chapters and their activities.**
- The more students are aware of a Section, the more natural the **transition** to their regular IEEE membership will be, and the better the retention rate will be.

R8 VC SA – Means to reach the goal – 3

- Students who stay at the university after getting their first degree (as a Master or a PhD student), will automatically become GOLD members. Especially in Region 8, Student Branches may thus have **many** Graduate Student Members who are also **GOLD members**. This is a 'Golden' opportunity: an active GOLD group, not only at the Branch level but also at the Section level, may help in keeping members interested in IEEE and making the transition from student membership to regular membership much smoother and more natural.
- A **joint effort with GOLD** may especially be good for issues like professional activities (and other competences that are not part of the university's curriculum).

R8 – Awards – 1

Student Enterprise Award

- January 2007 - University of Jordan, Amman, received an amount of \$1500 for the proposal entitled “Method and System for Imaging Display and Interface.”

Branch Centers of Excellence Program

- Arab Academy for Science and Technology, Egypt
- Erciyes University, Kayseri, Turkey

R8 – Awards – 2

Darrel Chong Student Activity Award

- Twente, Enschede, Netherlands: Silver Award for organizing the Region 8 Student Robotics Contest, 27 May 2006, Enschede
- Bogazici University, Istanbul / Middle East Technical University, Ankara, Turkey: Silver Award for organizing the 3rd Science Parks Summit, 3-4 November 2006, Istanbul



R8 – Awards – 3

Larry K. Wilson Regional Student Activities Award

- 8 nominations have been received for the 2007 award: Austria, Czechoslovakia, Denmark, Oman, Serbia and Montenegro, United Arab Emirates (2), United Kingdom and Republic of Ireland.

Regional Exemplary Student Branch Award

- 3 nominations have been received for the 2007 award: Denmark, Turkey, United Kingdom and Republic of Ireland.
Thomas will report.

Outstanding Branch Counselor and Advisor Recognition Program

- No nominations have been received for the 2007 program.

R8 – Contests – 1

Student Paper Contest

- 16 papers have been received from 14 Student Branches in 11 countries: Belgium (2 papers from 1 Branch), Denmark (2 Branches), Egypt, Germany, Greece (2 papers from 1 Branch), Israel, Netherlands, Serbia, Slovenia, South Africa (3 Branches), Turkey.
- The oral finals will take place in Warsaw, Poland, as part of EUROCON 2007, the International Conference on “Computer as a Tool,” 9-12 September.

R8 – Contests – 2

Finalists of the Student Paper Contest

- Emre Ayranci (Lyngby, Denmark)
- Wilm Decré (Leuven, Belgium)
- Michael Rapson (Cape Town, South Africa)
- Jan Verveckken (Leuven, Belgium)
- Aleš Zamuda (Maribor, Slovenia)

Jury members

Kamel Hassan, Cairo, Egypt; Carlos Lopez-Barrio, Madrid, Spain; Kurt Richter, Graz, Austria; Ryszard Romaniuk, Warsaw, Poland; Martin Bastiaans, Eindhoven, Netherlands

R8 – Contests – 3

Student Branch Web Site Contest

- 23 submissions have been received for the 2007 contest: Croatia, Denmark, France, Germany, Nigeria (2), Russia (Siberia) (2), United Kingdom and Republic of Ireland, South Africa, Spain (5), Turkey (7), United Arab Emirates.

Thomas will report.

Student Promotional Multimedia Contest

- In preparation

Luka will report.

Ethics Competition

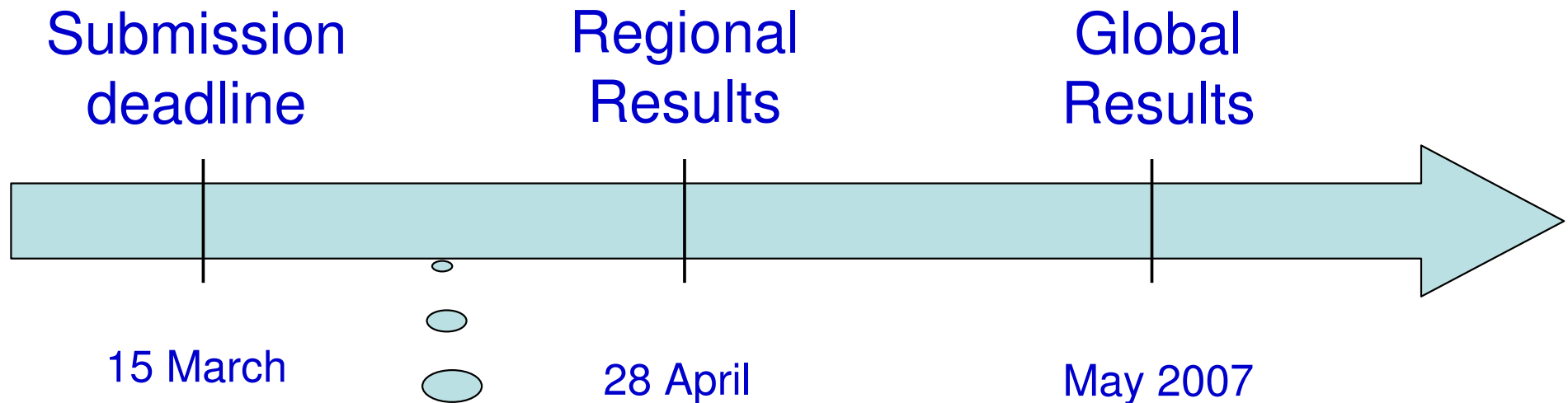
- In preparation

Luka will report.



R8 SAC Awards & Contests – 1

Web Site Contest 2007



We are here

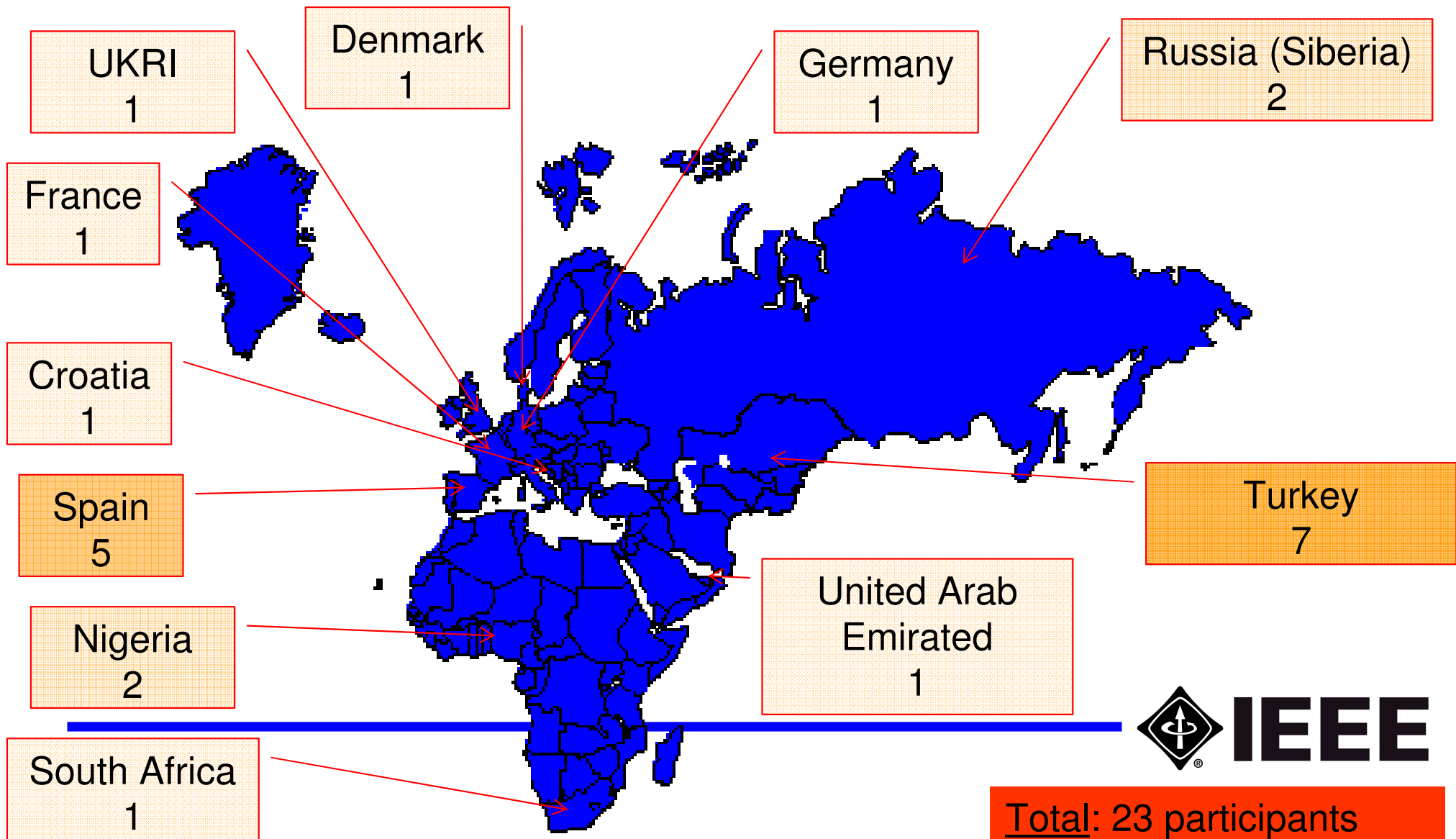
R8 SAC Awards & Contests – 2

Web Site Contest 2007



- 1st 1000 USD
 - 2nd 750 USD
 - 3rd 500 USD
 - 4th
 - 5th
 - 6th
 - 7th
 - 8th
 - 9th
 - 10th
- 250 USD

R8 SAC Awards & Contests – 3



Total: 23 participants

R8 SAC Awards & Contests – 4

Web Site Contest 2007

Jury Members:

- Michael Gloegl, R8 SAC
- Mohd Kharbat, previous "winning" team
- Khanh Luu, IEEE ECC Guru
- Thomas Watteyne, R8 SAC
- Amine Yazidi, SBC 2006 organizer



R8 SAC Awards & Contests – 5

Exemplary Student Branch Award

3 Candidates, from Denmark, Turkey, UK&RI

Jury Members

- Marko Delimar (Chair)
- Michael Gloegl
- Thomas Watteyne

One of the candidates will be selected and nominated for the Outstanding Student Branch Award



General awards for active IEEE Student members

- » [IEEE Student Enterprise Award](#)
- » [IEEE RAB Larry K. Wilson Regional Student Activities Award](#)



Undergraduate scholarships, awards, and competitions

- » [IEEE Canadian Foundation Grants and Scholarships](#)
- » [IEEE Computer Society Richard E. Merwin Scholarship](#)
- » [IEEE Industry Applications Society Myron Zucker Undergraduate Student Design Awards](#)
- » [IEEE Engineering in Medicine and Biology Society Undergraduate Student Design Competition](#)
- » [IEEE Computational Intelligence Society Conference Travel Grants](#)

Graduate scholarships, fellowships, and awards

- » [IEEE Charles LeGeyt Fortescue Fellowship](#)
- » [IEEE Components, Packaging, and Manufacturing Technology Society -- Graduate Fellowship for Research on Electronic Packaging](#)
- » [IEEE Dielectrics and Electrical Insulation Society Graduate Student Fellowship](#)
- » [IEEE Electron Devices Society Graduate Student Fellowship](#)
- » [IEEE LEOS Graduate Student Fellowship Program](#)
- » [IEEE Life Members' Fellowship in Electrical History](#)
- » [IEEE Life Member Graduate Study Fellowship](#)
- » [IEEE Microwave Theory and Techniques Society Graduate Fellowships](#)
- » [IEEE Computational Intelligence Society Conference Travel Grants](#)
- » [IEEE Computational Intelligence Society Summer Research Grant](#)
- » [IEEE Nuclear and Plasma Sciences Society Graduate Scholarship Award](#)
- » [IEEE Solid-State Circuits Society Pre-Doctoral Fellowship](#)

Student Paper Contests

- » [IEEE Regional Student Paper Contests](#) ←
- » [IEEE Student Paper Contest Hall of Fame](#)
- » [IEEE Power Engineering Society Student Prize Paper Award in Honor of T. Burke Hayes](#)
- » [IEEE Engineering in Medicine and Biology Society Student Paper Contest](#)
- » [IEEE Computer Society Lance Stafford Larson Student Scholarship for Best Student Paper](#)
- » [IEEE Systems Man and Cybernetics Student Paper Competition](#)

Student Branch awards

- » [IEEE Regional Exemplary Student Branch Award](#) ←
- » [Outstanding Branch Counselor and Advisor Recognition Program](#)
- » [IEEE Student Branch Web Site Contest](#) ←
- » [IEEE Darrel Chong Student Activity Award](#) ←
- » [IEEEExtreme 24 hour Programming Challenge](#) ←

Student Design Competitions

- » [IEEE Computer Society CSIDC Competition](#)
- » [US Environmental Protection Agency P3 Student Design Competition for Sustainability](#)
- » [Symantec's University Programming Competition](#)



R8 – Student Branch Congresses

- Nigeria, Nnamdi Azikiwe University, Awka, 1–6 May 2006
- United Arab Emirates, American University of Sharjah, 4 May 2006
- Turkey, Ankara University, 25–27 August 2006
- Spain, Universidad de Zaragoza, 16–19 November 2006
- Egypt, Shoubra Faculty of Engineering, Cairo, 6–7 December 2006
- Serbia and Montenegro, Novi Sad University, Serbia, 9–11 February 2007
- Portugal, Universidade de Coimbra, 2–5 April 2007
- Benelux, Eindhoven University of Technology, Netherlands, 10 April 2007
- United Kingdom and Republic of Ireland, University of York, UK, 1–3 June 2007
- Turkey, Karadeniz Technical University, Trabzon, 30 August – 3 September 2007

R8 – Recent and Forthcoming Major Events

- IEEE Student Branches Industry Relations (ISBIR) program
- Careers in Europe Forum, Berlin, May 2007, and Brussels, December 2007
- Knowledge Fest 2007 – Mobile and Wireless Communications in Nigeria, Lagos State University, Epe, Nigeria, August 2007
- Meeting the Growing Demand for Engineers and their Educators, Munich, Germany, 9–11 November 2007

R8 – Ongoing Programs and Activities – 1

1. Membership campaigns
2. Launch a new Student Branch initiative
3. Waking up dormant Student Branches project
4. Student Branch support
5. Section's welcome to graduating Student Members
6. Region 8 Student News
7. Communications
8. Student professional activities
9. Students at IEEE technical conferences
10. Help needy volunteers project
11. Counselor support program
12. Region 8 Student Branch Events and Activities Information Warehouse

Luka will report.



R8 SAC Electronic Communications Coordinator

ECC job description

- Improving communication by:
 - managing the SAC mailing lists
 - maintain the SAC web site
- Fun work!
 - sending a personalized e-mail to 19869 students in Region 8
 - help students in ISBIR to create a web site



R8 – Contests – 4

Student Promotional Multimedia Contest

- SBs create promotional multimedia for advertising IEEE to students
 - outlining basic benefits.
- No defined technology
- Content must be constructed to be applicable to most or all SBs.
- All received promotional items will be displayed on the R8 SAC web site.
- Winners awarded!
 - Results will be made a part of an e-promo pack, for other branches to use

R8 – Contests – 5

Ethics competition

- To be done in 2008, 2007 = planning!
- Raise the ethics awareness of IEEE members while still in school.
- Provide student members with experience in applying ethical concepts to situations that might arise in the workplace.
- The competition also wants to increase the visibility of the IEEE Code of Ethics

R8 – Ongoing Programs and Activities – 2

Region 8 Student Branch Events and Activities Information Warehouse

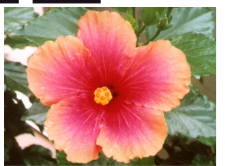
- Web-based, information sharing platform for SB projects
- Documents created during planning, executing, and closing of events and activities in SBs
 - project charters
 - project plans
 - promotional material templates
 - funding requests
 - budget plans
 - advertising material

Let's go to Pablo



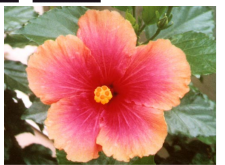
Contacts & coordination

- We encourage **YOU** to appoint student activities officers in your Section and invite them to the section meetings
 - Student Sec. Rep.
 - SA Vice Chair
- Report this contacts to our team
 - This will make things faster



Membership & coordination

- Better membership growth when involving several branches
 - Section Student Branch Congress
 - Recruiting Motivation Tour
- Support especially the events when involving several branches.
- Remember that students are very profitable when receiving the rebates



Partnership & coordination

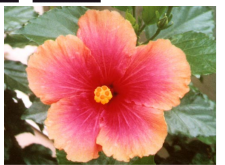
- EESTEC



- Similar goals as IEEE Student Branches
- Currently there is a memo of coop.
- Many Joint activities were made this year involving several SB and EESTEC LC

- BEST

- Not focused only in EE
- Lots of industry partners



R8 – Region 8 Specific Problems

- Some Region 8 areas experience **severe delays** in receiving IEEE publications.
- Some Region 8 areas experience **credit card problems** and **high fees** for money transfer and cheques.
- Cashing Rebate checks from Piscataway is **expensive** and sometimes impossible.
- Gross Domestic Product and Purchasing Power Parity per capita vary significantly within Region 8, with a ratio in the order of **1:100** between the lowest– and the highest–income country. In the US, this ratio is less than **1:2** between the different states. In several Region 8 countries, the **US–based prices** for IEEE products and services are **extremely high**.

