R8 Sofia Meeting, April 13-15, 2007

IEEE R8 TECHNICAL ACTIVITIES BRIEF REPORT

(period January 1 to March 31, 2007)

Submitted by George Paunović
Vice Chair, Technical Activities

CHAPTER COORDINATION ACTIVITIES

CONFERENCE COORDINATION ACTIVITIES

EDUCATIONAL ACTIVITIES

INDUSTRY RELATION ACTIVITIES

STANDARDS ACTIVITIES

!!!!! PROCEDURES !!!!!

GENERAL

First quarter of 2007 was mainly the period of organizational consolidation and period of making action plans, but this time within a **somewhat restricted financial situation.**

The following technical activities for R8 IEEE members and entities were specifically realized in this period:

Chapters of the year contest;
Database and Calender of R8 conferences;
Continuation of R8 educational workshop program.

CHAPTER COORDINATION SUBCOMMITTEE

Chair: GERARD-ANDRE CAPOLINO

Enrico Sangiorgi

Peter Magyar

Zdzislaw Papir

Uwe Bratzler

Tariq Durrani

Bruno Meyer

Bernard Curtois

Jan Biemend

Pierre Borne

Silvano Donati

Maciej Ogorzalek

Farhat Fnaiech

Said E. El-Khamy

IEEE Region 8 Committee Meeting
Sofia (Bulgaria), April 2007
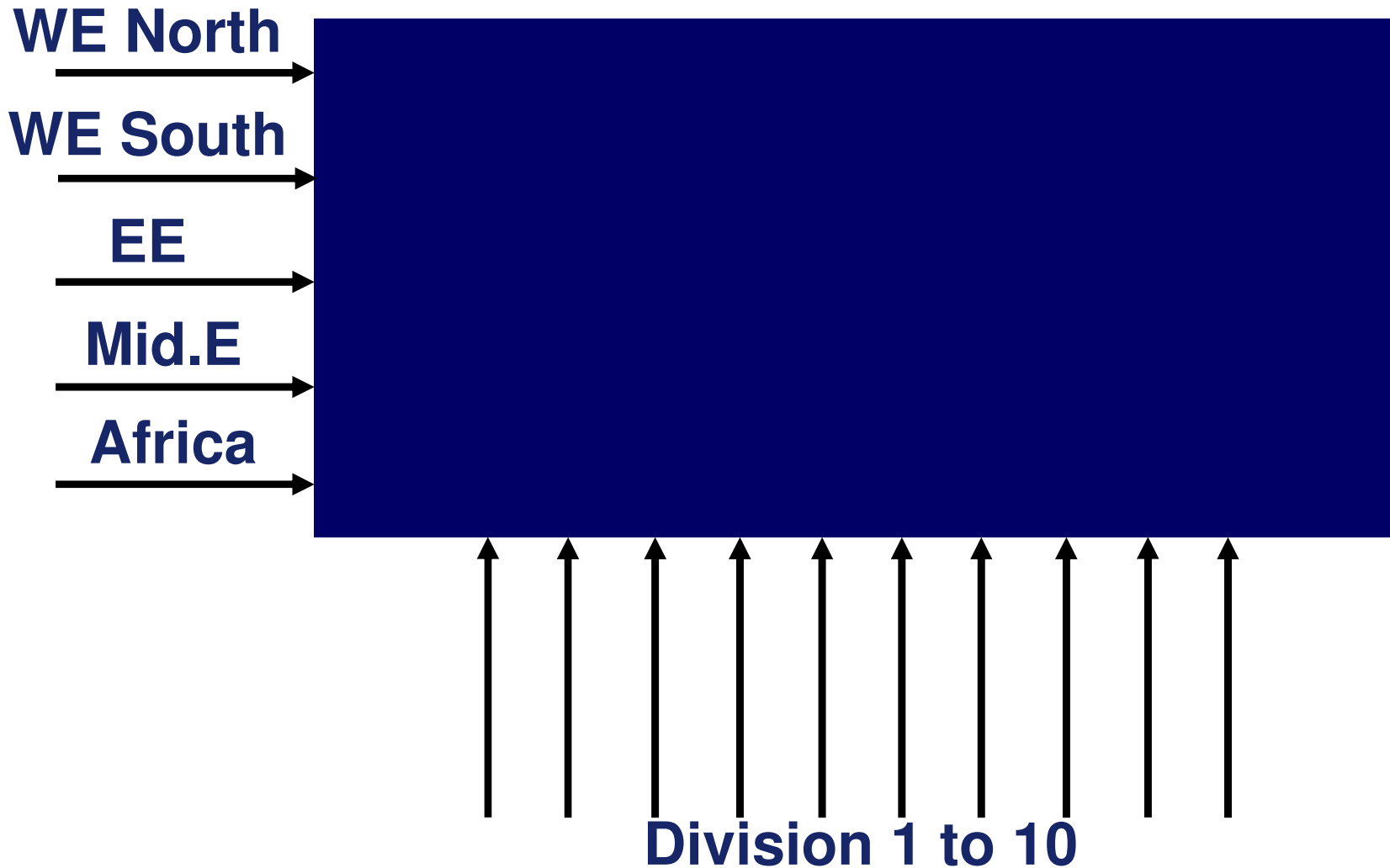
Chapters Coordination Sub-Committee Meeting

Gérard-André Capolino, CCSC Chair
University of Picardie "Jules Verne", France
Gerard.Capolino@ieee.org

Introduction (1)

❑ **Gerard-Andre Capolino, CCSC Chair**

WE North

WE South

EE

Mid.E

Africa

Division 1 to 10

Introduction (2)

❑ **Delegates**

❑ **D1: Enrico Sangiorgi**

❑ **D2: Peter Magyar**

❑ **D3: Zdzislaw Papir**

❑ **D4: Uwe Bratzler**

❑ **D5: Herman Kopetz**

❑ **D6: Tariq Durrani**

❑ **D7: Bruno Meyer**

❑ **D8: Bernard Courtois**

❑ **D9: Jan Biemond**

❑ **D10: Pierre Borne**

❑ **WE North: Johan Driesen**

❑ **WE South: Silvano Donati**

❑ **EE: Maciej Ogorzalek**

❑ **Africa: Farhat Fnaiech**

❑ **Mid. E: Said El-Khamy**

Presentation of CCSC activities

Encourage more activities in existing chapters

Stimulate formation of new chapters

Assist chapters to gain support from their society

Encourage societies to increase interest in Region 8 chapters

Encourage chapter chair meetings

Encourage chapters to organize workshops or conferences

CONFERENCE COORDINATION SUBCOMMITTEE

Chair: FRANCISCO SANDOVAL

Africon 2007, 2009: Gerhard Hancke
Eurocon 2007: Marian Kazmierkovski
Melecon 2008: Gerard-Andre Capolino
Past Chair: Peter Farkas

R 8 Subcom. Conf. Coord.

R8 Conf. Coordinator

Francisco Sandoval

Meeting agenda

- Sub-Com. Members
- Past Conferences
- Future Conferences
- Call for Proposal

Sub-Com. Members

- **Prof. Gerhard Hancke**
- **Prof. Francisco Sandoval**
- **Prof. Marian Kazmierkovski**
- **Prof. Peter Farkas**
- **Prof. Gerard Capolino**

Past Conferences

- MELECON 2006 in Málaga, Spain

MELECON 2006

- Full final Report was presented in Belgrado IEEE R8 Meeting.

Future Conferences

- AFRICON   2007 (Windhoek, Namibia)
- EUROCON 2007 (Warsaw Poland)
- MELECON   2008 (Corsica)

AFRICON 2007

- Date: 26-28 Sept. 2007
- Venue: Windhoek Country Club, Windhoek, Namibia
  More details:
  http://www.ee.up.ac.za/~ieee/africon2007/Publicity_PubRCom/IEEE_NAMIBIA_2007.ppt
- **Current Progress**:
-   1 Establishment of organisational sub-committees (http://www.ee.up.ac.za/~ieee/africon2007/Organisation.htm)
  Full committee list:

  http://www.ee.up.ac.za/~ieee/africon2007/ExCom/IEEE_Africon_Com_List.pdf

AFRICON 2007

- 1.1 A local organizing committee has been established.

- 1.2 Organizational committees have been established to include IEEE GOLD members, student members, members, senior members, etc (i.e. a "full membership" spectrum & a combination of members from industry & academia.)

- 1.3 A memorandum of understanding has also been documented

- 1.4 Unlike previous Africon conferences, an international engineering committee has also been built for Africon'07.

AFRICON 2007

- 2 Sponsorship:
  Discussions are undergoing with Telecom (Namibia) & Nampower.
  3 Time planning
  http://www.ee.up.ac.za/~ieee/africon2007/ExCom/MileStonesDates/MainSchedule.pdf

Main targets:

- 3.1 Call for Papers (CFP) was launched
- **3.2 Conference is in its way and all details are covered.**
- The LOC has successfully recruited the Namibian State President to be part of the conference committee.
- PDFXpress & eCF (electronic copyright form) has been appended to the online submission system.
- Seven tutorial are forseen.

EUROCON 2007

- All needed documents were approved by Sub-Com in IEEE R8 Belgrado Meeting.

- ***Prof. Bartlomiej Ufnalski**, Poland,* Warsaw University of Technology (ufnalski@ieee.org) and LOC Chair presented all details of EUROCON 2007. Some 700 papers have been submitted. It is forseen to accep some 500 papers. A real success. Congratulations!

Recommendations

- To keep the registration fees adequate
- To increase responsibility on reporting in time

IEEE R8 *Calendar*

- About 40 new events added

Call for Proposal

- We are searching for candidates to organize EUROCON 2009 and MELECON 2010.

- Sections are invited to send their proposal till July 15th, 2007 to Francisco Sandoval (sandoval@dte.uma.es)

THANK YOU

EDUCATIONAL ACTIVITIES SUBCOMMITTEE

Chair: CHARLES TURNER

Victor Fuad Hana
Matej Zajc

Educational Activities Sub-Committee (EASC)

Members:

Charles Turner (Chair) UKRI

Victor Fouad Hanna (Past-Chair) France

Matej Zajc Slovenia

EASC 2007 Projects

- The feasibility of *accreditation* of educational programs by IEEE in Region 8

- Use of Expert Now modules by Sections, Chapters, Affinity Groups, etc. in Region 8

- Development of a Region 8 version of TryEngineering

- Identifying Open Source Programs for pre-university education in Region 8 countries

Accreditation

- EASC's objective is to provide a service to student and GOLD members planning to enter graduate (MSc) programs.

- Initially, a representative sample of Sections would be asked to provide data on the programs available in their country.

- Only basic data of interest to prospective students, such as location, title, tuition fees, duration, language of instruction, would be collected.

- At the end of 2007 a decision will be made about extending the scope of the exercise, e.g. how many Sections to include in the sample.

Continuing Education

- In the past technical CE modules from IEEE have not been popular in Region 8.

- IEEE Expert Now modules are an entirely new and promising approach to technical CE.

- IEEE Expert Now modules will be used in a pilot study in one Section (UKRI) during 2007, involving students and GOLD members.

- Non-technical skills development, including leadership skills and project management workshops will continue to be supported.

TryEngineering

- EASC recognises that the construction of a region-wide database of educational opportunities for pre-university students interested in engineering is a massive task.

- The best way forward is to divide Region 8 into geographic areas that are reasonably homogeneous, each with its own version of TryEngineering, in the local language where possible.

- Collaboration with National Engineering Societies, government departments and academic organisations is seen to be essential. Many of these have been active in this kind of activity for some years

Pre-university education

- Science teachers in schools and colleges, preparing students for university, generally welcome support in the form of teaching materials, practical demonstrations and projects, etc. that help to stimulate interest in engineering programs and careers.

- Many types of freeware materials suitable for teachers, such as lesson plans, are widely available on the web, but need to be reviewed and classified by experienced engineers and academics.

- Individual IEEE members can make an important contribution by working with their EdSoc Chapter, Student Branch, etc.

Summary

- The work commitment implied by the scope of the 2007 projects requires a substantial increase in volunteer effort beyond that of the Committee.

- Each project will be led by a task force responsible for monitoring progress and reporting back to EASC by the Bucharest meeting.

- EASC calls upon all Sections in Region 8 to propose additional members willing to provide assistance.

R8 INDUSTRY RELATIONS ACTIVITIES

Coordinator: RAMI MUSHCAB

IRSC Report: 88th Committee meeting Sofia/Belgrade 14-15 April 2007

IEEE R8 Industry Relations Plan for 2007

Goal for 2007

Obtain tangible results from R8
Industry Relations activities by
capitalizing on previous IRSC work

Last Year Major Accomplishments

1) 2nd version of IRO Guidebook
2) Criteria for Industry Distinguished Lecturers Program (IDLP)
3) Functions of Industry Advisory Group on Section level
4) Face-to-Face meetings with industry
5) SWOT Analysis to bring IEEE closer to industry

2007 Industry Relations Approach

1) Work directly with Section Chairs and IROs
2) Establish reporting mechanism with Section Chairs and/or IROs twice a year
3) Section Chairs are to sponsor their IROs activities and reporting to R8 IRO
4) Use email and IRO website for effective communications between IROs.

2007 Industry Relations Plan

1) Support IEEE Student Branches Industry Relations (ISBIR) Program:

Steering Committee
- **George Paunovic,** Vice Chair of Technical Activities
- **Marko Delimar,** Vice Chair of Membership Activities
- **Pilar Molina Gaudio,** Chair of R8 GOLD Sub-Committee
- **Rami Mushcab,** Chair of R8 Industry Relations
- **Luka Lugaric,** Student Activities Committee
- **Ferhan Ozkan,** Chair of ISBIR Implementation Task Force

2007 Industry Relations Plan

2) Activities with R8 Section Chairs & IROs:

R8 Sections Chairs to provide a plan with time table to accomplish following planned activities:

a) Establishment of Industry Affinity Group (IAG) within Sections:

- *Attract more members from industry*
- *Have an updated records of industry members count at each Section*
- *Conduct workshops to understand industry needs*
- *Arrange for trips to visit industries and academic institutes*

2007 Industry Relations Plan

2) Activities with R8 Section Chairs & IROs (Cont'd):

   b) Develop MoU with large local industry:
- *Membership increase*
- *Educational products and services use*
- *Job-Site use*
- *Publications and Conferences support*
- Student Branches support

   c) Develop MoU with National & Sister societies

   d) Recommend a company for Industry Awards

   e) Continue Face-to-Face Meetings with Industry

2007 Industry Relations Plan

3) Develop MoU agreements with international Companies on R8 Level

4) Establish Industry Honored Speaker Program in collaboration with Industry Application Society & IROs

5) Start the process to establish measurement instrument for membership growth in industry

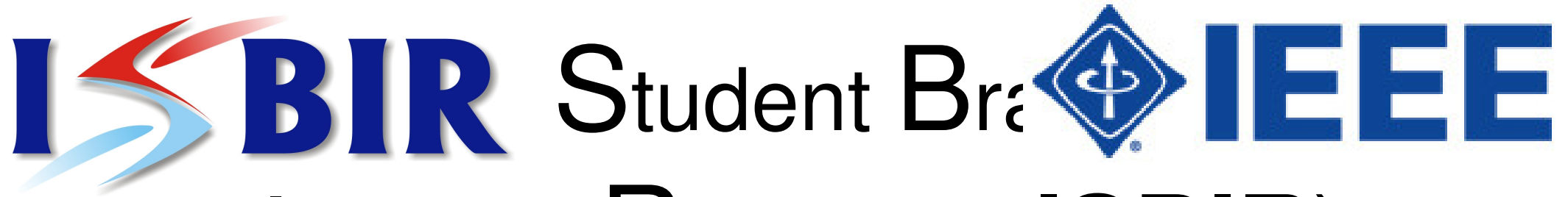6) Introduce Special Industry sessions at major R8 IEEE Conferences such as EUROCON07, MELECON, AFRICON

EUROCON07 Special Industry Session; Applications in Oil & Gas Industry

#	Speaker Name	Company	Presentation Title
1	**Michael Munro**, Director of Energy & Materials	Cisco, UK	Beyond First Mile Wireless: Future Applications for Wireless in Oil & Gas
2	**Tero Pesonen**, Manager of Business Development	EADS, Finland	TETRA Applications in Oil & Gas Industry
3	**Matt Bridle**	Motorola, UK	Wireless Voice and Data Solutions for Oil & Gas Industry
4	**Mazen Al-Ajmi**, Project Manager	Saudi Aramco, Saudi Arabia	Case Study: Connectivity of Oil & Water Wells at Saudi Aramco
5	**Sergi Sama**, Director of Global Services for E&P	AspenTech, Belgium	Production Optimization in E&P: Bringing off-shore and on-shore closer
6	**Ahmed Al-Mulla**, Petroleum Engineer	Saudi Aramco, Saudi Arabia	Oil & Gas Applications in Saudi Aramco – Challenge Partners

Thank You

Student Branch Industry Relations (**ISBIR**) Program

www.isbir.org
isbir@ieee.org

Presented by

Emine G. Aydal

On Behalf of ISBIR Task Force Team

Introduction

IEEE needs to → Reach companies to make IEEE brand well known within industry

Potential of volunteers → High motivation / voluntary contribution with more free time and looking for career & networking opportunities
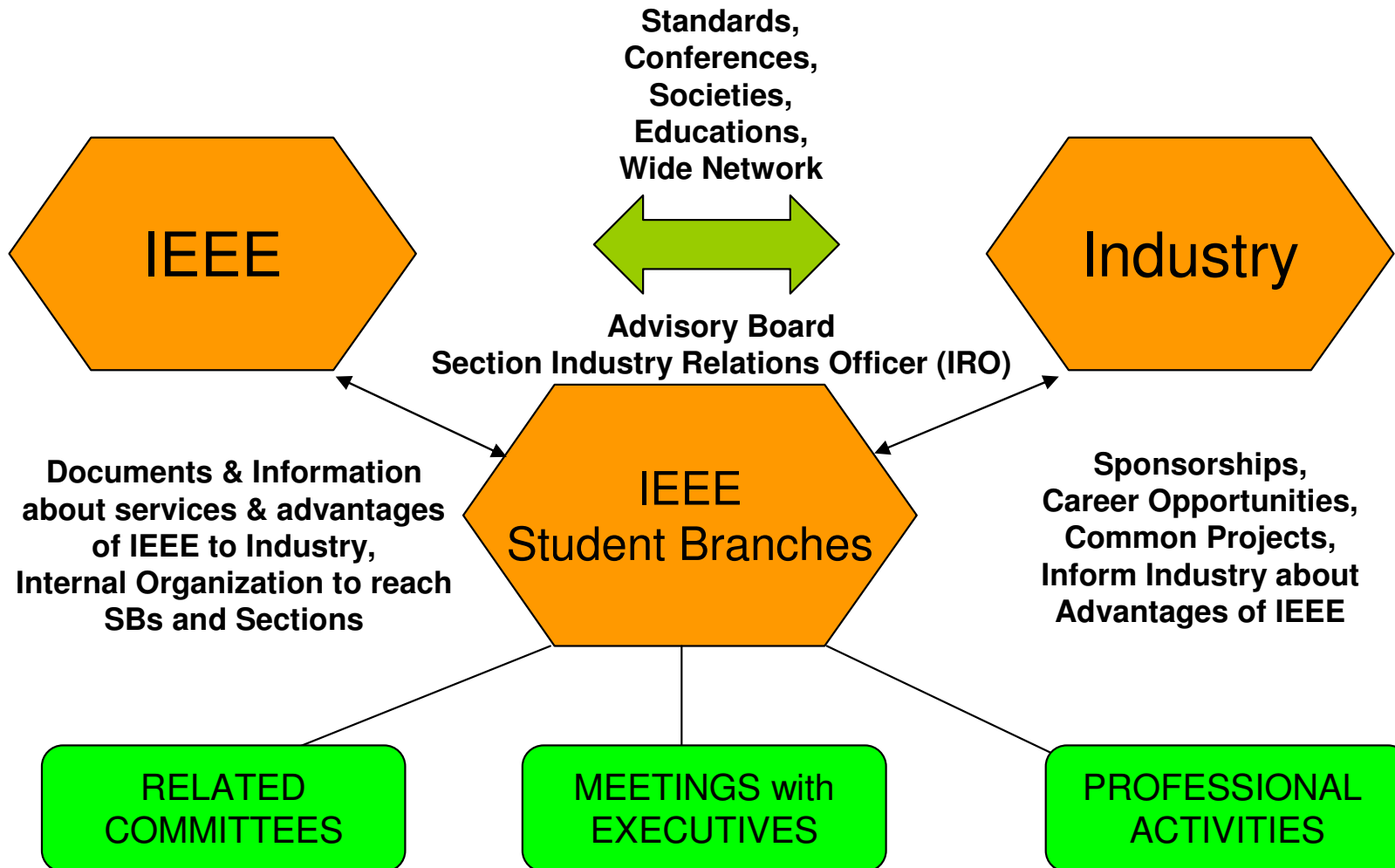
The Main Idea of ISBIR → **Utilise the potential of young IEEE volunteers to reach out to industry**

ISBIR Model

Standards, Conferences, Societies, Educations, Wide Network

IEEE

Industry

**Advisory Board
Section Industry Relations Officer (IRO)**

Documents & Information about services & advantages of IEEE to Industry, Internal Organization to reach SBs and Sections

IEEE Student Branches

Sponsorships, Career Opportunities, Common Projects, Inform Industry about Advantages of IEEE

RELATED COMMITTEES

MEETINGS with EXECUTIVES

PROFESSIONAL ACTIVITIES

ISBIR - History

In 2005   ISBIR Initiative was supported by R8 IR and
     SAC

In 2006   Initiative was submitted to IEEE New
     Initiative

          Committee for approval

In late 2006 Approved with a high priority by IEEE BoD
     for

          3 years (First and Only Student Initiative)

In 2007   ISBIR Steering/Advisory committee and
     ISBIR
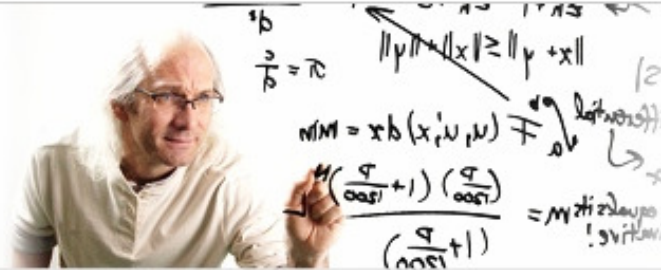
          Task Force were formed

Action Plan 2007

- **CeBIT Technology Fair (Germany, Mar'07)**
  - IEEE Job Site Booth
  - Intensive promotion of IEEE and its advantages
- **IEEE Region-8 Meeting (Bulgaria, Apr'07)** with Advisory Committee
- **H**_____ r'07)
  - _____less!
  - _____ of the
- **U**_____
- **Ju**_____ stry)
- **IE**_____ s
- **O**_____
- **In**_____

IEEE

IEEE Student Branches Industry Relations Program

for INDUSTRY

With ISBIR, your company can gain critical market advantages! We want you as a partner - that way we can work together to achieve better future.

Read more...

1

for STUDENT BRANCHES

You are a part of IEEE and active in your Student Branch? You're seconds away from using advantages of ISBIR in your student life!

Read more...

2

for VOLUNTEERS

Industry and students are cool enough - but you can have FUN with us! Volunteers are very precious to us in reaching both industry and SBs. Come join us!

Read more...

3

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The 88th IEEE Region 8 Meeting

13-15 April, Sofia/BULGARIA
Kempinski Hotel, Zografski

ISBIR Task Force will attend to the 88th Region 8 Meeting held in Sofia, Bulgaria during 13-15 April. ISBIR will have a two-hour workshop on Saturday morning, in which the participants will be informed about the general concept and application procedures of ISBIR Program. Also, R8 Committee will be discussing the ISBIR Action Plan for 2007 in Sunday morning sessions. ISBIR Task Force plans to meet local Student Branches in Bulgaria and around during the sunday afternoon. If you're attending the meeting or you know that your section officers are, make sure that they get in touch with you about what they have learned in Sofia.
ISBIR Program Workshop – Saturday, 14 April – 8:00-10:00 You probably do not want to miss such an opportunity of learning more about ISBIR Program that will be one of the top prior initiatives of IEEE for the next 3 years.

Read more...

○ **ISBIR Calendar**

April 2007						
Mo	Tu	We	Th	Fr	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- 88th Region 8 Meeting, Sofia
  April 13, 2007 - April 15, 2007
- Hannover Messe Industry Fair

R8 STANDARDS ACTIVITIES

Coordinator: DAVID LOW

IEEE-SA Standards coordinator

David Law

David_Law@ieee.org

Joint ITU-T/IEEE-SA Workshop

Carrier-class Ethernet

31th May and 1st June, 2007
ITU Headquarters, Geneva, Switzerland
No-charge workshop

http://www.itu.int/ITU-T/worksem/cce/

Co-located 28th to 31st May 2007:
   IEEE 802.1 Higher Layer LAN Protocols
       http://www.ieee802.org/1/meetings/index.html
   IEEE 802.3 Ethernet Working Group meeting
       http://www.ieee802.org/3/interims/geneva_1_0507.html
   Hosted by ITU so no meeting fee.

IEEE-SA Seminar

Global Standards and Developing Economies:
Broadband Access and Infrastructure

9th and 10th May 2007

Tunis, Tunisia

No-charge seminar

http://standards.ieee.org/corpforum/tunisia/index.html

IEEE-SA Patent policy

- New Policy will be effective 30 April 2007
- Highlights
  - Permits optional disclosure of rates, terms and conditions early as part of licensing assurance
  - Mandate use of IEEE-SA Letter of Assurance Template
  - Clarification of duty of standards participants
  - Clarification of applicability of assurance to affiliates
  - Clarification of applicability of assurances to assignees/transferees
- Preview of new policy
  - http://grouper.ieee.org/groups/pp-dialog/drafting-committee/index.html
- Preview of supporting educational material
  - http://grouper.ieee.org/groups/pp-dialog/draft-com-support-docs/index.html

This concludes the Technical Activities Sofia report !

Thank you !

Motion
Region 8 committee recommends establishing a team to develop a plan to bring IEEE closer to the major energy industry (Oil, Gas and others) in Region 8. Countries within R8 such as Saudi Arabia, Russia, Kuwait, Norway and others are considered to be major contributors to the world energy supplies.

Capitalizing in this rich industry will promote IEEE activities within Region 8.
The team will provide the Region 8 committee with a Plan to meet the above
motion objectives.

Cost
No cost
Benefits
Increase the membership by collaborating with these companies
Sponsor IEEE technical activities and conferences
Participation of key industry consultants in IEEE conferences
Increase collaboration with industry

IEEE R8 COMMITTEE – April 2007
SUBJECT: **Plan to bring IEEE closer to the major energy industry**
FROM: **Rami Muchab, IR Coordinatinor**

EXECUTIVE SUMMARY:

There is a need to develop a plan to bring IEEE closer to the major energy industry (Oil, Gas and others) in Region 8. Countries within Region 8 such as Saudi Arabia, Russia, Kuwait, Norway and others are considered to be major contributors to the world energy supplies. Capitalizing in this rich industry will promote IEEE activities within Region 8.

Benefits

Increase the membership by collaborating with these companies
Sponsor IEEE technical activities and conferences
Participation of key industry consultants in IEEE conferences
Increase collaboration with industry

**PROPOSED ACTION:
IEEE R8 Committee to approve IR Coordinator to form a Team of volunteers. The team will provide within next 3 month the R8 Committee with a Plan to meet the above motion objectives.**

Financial Implications; No cost