

Antennas & Propagation Society

Best Practices



Region 8 Chapter Coordination Meeting
Madrid, Spain, 2013-04-19

Prepared by: Trevor Bird (AP-S President)

Presented by: Bertram Arbesser-Rastburg (R8 Rep to AP AdCom)





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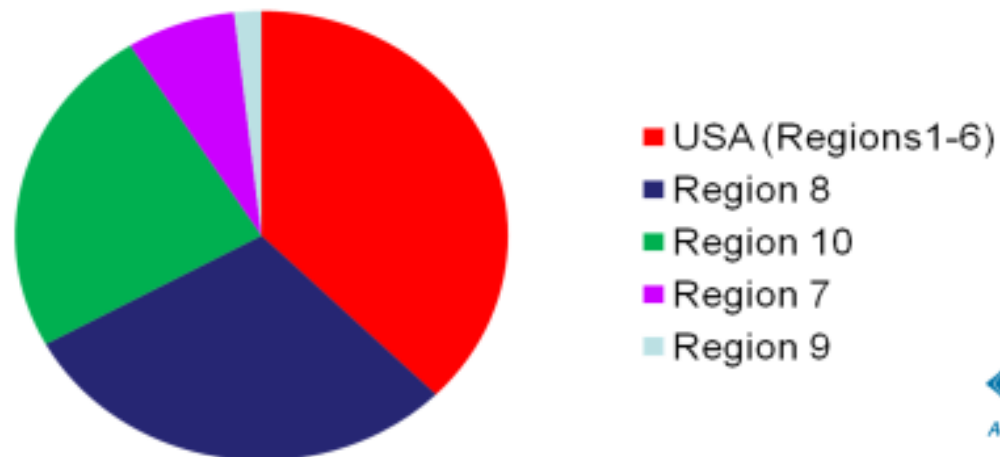


Antennas & Propagation Society (AP-S) Chapters



There are 114 AP-S Chapters at the moment.

- 44 in Regions 1-6 (US)
- 8 in Region 7 (Canada)
- 33 in Region 8 (Europe, Middle East, Africa)
- 2 in Region 9 (Latin America)
- 27 in Region 10 (Asia and Pacific)





Chapter Support from AP-S



Technical Support

- Technical co-sponsorship for chapter-organized conferences and workshops
- Distinguished Lecturer (DL) visits (two per chapter a year)
- Visit by AP-S officers from time to time

Financial Support

- Annual support (**\$1300** for AP-S Chapters)
- Special-purpose funding (Up to **10** events of **\$1000** each in a year)
- Travel grant awards (up to **15** awards) for attending chapter chairs meetings at major conferences
- Other one-time support subject to AdCom's approval



AP-S Approach to Chapters

- Encourage formation of more chapters and student branch chapters so that members can be better served. Chapters formed in 1st quarter of 2013 include:
 - ISCTE University Inst. of Lisbon Stud. Branch MTT/AP/ED
 - Russia (Siberia) MTT/AP/AES/C
 - U. Indonesia Stud. Branch AP
 - Thiagarajar College of Eng-Madurai Stud. Branch AP
 - Universidad Nacional Mayor de San Marcos: Stud. Branch AP
- Maintain regular communication between society and chapters
 - Submission of annual report to Society
 - Regular updates given to chapter officers
 - Chapter Chairs Handbook distributed as well as funding request forms
 - Chapter chairs' meeting at major conferences in Regions eg. EuCAP (Region 8), ISAP (Region 10), annual symposium in US (Regions 1-6)



Future Plans

- Establish more chapters
 - Globally: in big cities like Shanghai, Delhi, Sao Paulo
 - Region 8: in Africa and Middle East
- Encourage more chapter-level mini-conferences and workshops so that members can interact and network within the local community
- Organize more dialogue sessions among society officers, chapter chairs, and members to solicit feedback and suggestions for improvements

BTS IEEE Broadcast Technology Society

*"The technologies to deliver information
and entertainment to audiences worldwide,
at home and on the go. "*

Chapter Best Practices

Pablo Angueira <pablo.angueira@ehu.es>
IEEE BTS Adcom/Strategic Planning



Who are we?

- One of the founding organizations of the IEEE: History that stretches to the formation of the Institute of Radio Engineers in 1912
- Small Society: Stable membership around 1800 members worldwide
- The mission of BTS is to help its members maintain and enhance their technical proficiency and professional standing through the activities of the Society and its chapters worldwide in the field of **Broadcasting and Broadband multimedia.**



IEEE BTS Chapters

- 25 Chapters worldwide as April 2013
 - United States (IEEE Region 1-6) **4**
 - Canada (IEEE Region 7) **5**
 - Europe, Middle East & Africa (IEEE Region 8) **7**
Spain -Portugal - Russia (2) – Serbia/Montenegro - UKRI
 - Latin America (IEEE Region 9) **1**
 - Asia & Pacific (IEEE Region 10) **8**

Challenges

- Society size makes it difficult to find member number densities around a reasonable area size
- Society with a relevant percentage of industry members as opposed to academia: active volunteering

Best Practices

- Distinguished Lecturer Program
 - Low profile project up to 2009
 - Identified in 2008 as one of the most useful assets of societies to serve and foster chapter activities
- Keys for success
 - Efficient DL candidate selection
 - Clear, accessible, procedures available for all BTS members (specially Chapter Chairs)
 - (Pro)Active DL program chair
 - Society believes on the benefits of the program → funds
 - Evaluation/Auditing of DL lecture quality (audience surveys) → requires Chapter chair involvement



BTS DL Program facts

	2009	2010	2011	2012	2013 (Apr)
DL Sessions	3	9	8	9	4..

- > 350 Attendees in 2012
- All evaluations in 2012 between Good and Excellent (Excellent/Good/Fair)
- Requires reasonable amount of work from chapter members (Chapter Chair)

More info:

<http://bts.ieee.org/distinguished-lecturer-program.html>

Thank you!

Pablo Angueira
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IEEE Region 8 Chapter Coordination Meeting

19th of April, 2013

Madrid, Spain

Toni Mattila

CPMT Strategic Program Director (Region 8)



IEEE COMPONENTS, PACKAGING AND
MANUFACTURING TECHNOLOGY SOCIETY

CPMT Chapters in Region 8

- Bulgaria AP03/ED15/MTT17/CPMT C
- Finland CPMT C *
- France CPMT C
- Germany CPMT C
- Hungary & Romania CPMT C and SB**
- Poland CPMT C
- Sweden CPMT C
- Switzerland CPMT C
- Ukraine
 - Kiev ED/MTT/CPMT/COM/SSC
 - West AP03/ED15/MTT17/CPMT21/SSC37
- UK / UK&RI R07/CPMT

* Chapter

** Student branch



- Seminars and workshops on selected topics
 - Typically in co-operation with other organizations, groups or societies (e.g. International Microelectronics Assembly and Packaging Society - IMAPS)
- Activities involving students and young engineers
 - Casual get-togethers
 - Excursions and industry visits
- Conferences organized by Chapters, e.g.
 - Ukraine Kiev Chapter: 2013 IEEE XXXIII International Scientific Conference “Electronics and Nanotechnology” (ELNANO), April 16-19, 2013, Kyiv, Ukraine
 - Ukraine West: XVIIIth International Seminar/Workshop DIPED-2013, September 23-26, 2013 Lviv, Ukraine
- Webinars globally for the members of CPMT
- Other events organized by CPMT in Region 8, e.g.
 - 5th Electronics System-Integration Technology Conference (ESTC), 2014, Helsinki, Finland
 - 14th International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems (EuroSimE), 15-17 April, 2013, Wroclaw, Poland.
 - 36th International Spring Seminar on Electronics Technology (ISSE) - “Automotive Electronics”, Alba Iulia, Romania, 8-12 May, 2013



Region 8 Chapter President and Coordinator/Liaison, Elysa B. Joffe is pleased to invite you to attend the Committee Meeting taking place in Madrid, Spain, in conjunction with the Region 8 Committee Meeting, meetings/2013-april-madrid/ held from Friday, 3. All attendees are welcome to attend the Committee

Region 8 Chapter Coordination Committee Chair
Elysa B. Joffe
eb.joffe@ieee.org



Region 8 Student Branch Chapter Coordinator
Simay Akar
simay.akar@ieee-mad.es



to be held from 8:00 AM to 12:00 PM on Friday, April 12, 2013. In order to participate in the

Manuel Castro, Ph.D.

President

IEEE Education Society

Professor of Electrical Engineering

UNED, Madrid, Spain

Madrid
April, 2013¹

IEEE Education Society

- ▶ 72 Chapters more or less active
 - Very low turnover rate
- ▶ All management done by EdSoc Chapter Chair
 - No regional coordinators
 - Regional coordinators under consideration
 - But not enough chapter clusters to justify regional leader
 - Personal touch from EdSoc level is very valuable
 - Awards: best chapter award, leadership award
 - Certificates for long-term and/or distinguished service

IEEE Education Society

- ▶ 2 technical meeting per year requirement
 - Far too low an expectation
 - Does not foster excellence-quality
- ▶ Our highly functional chapters have:
 - Access to peer-reviewed student-only journal
 - Online only, TEE
 - Outreach & Mentoring
 - K-12/pre university contact/activities
 - Student Branch/Chapter contact/activities

IEEE Education Society

IEEE MGA should:

- ▶ Greatly improve liaison w/Societies
- ▶ TAB<->MGA link is very weak
- ▶ Not make policy changes w/out Society input
 - For example, January 2011 major changes for formation of new chapters

Structure w/in Sections to blend Chapters

- ▶ Group meetings of leaders of all Chapters

EdSoc Strategic Plan

Objective 1 To enhance the Society's publications

Objective 2 To develop the Society's conferences into premier, international conferences

Objective 3 To provide new professional development opportunities for members

Objective 4 To evaluate and improve the effectiveness of the governance structure of the Society

Objective 5 To increase the number of members

Please help us build the future of
EdSoc to address the challenges of
Engineering Education today

Thanks / Muchas Gracias !

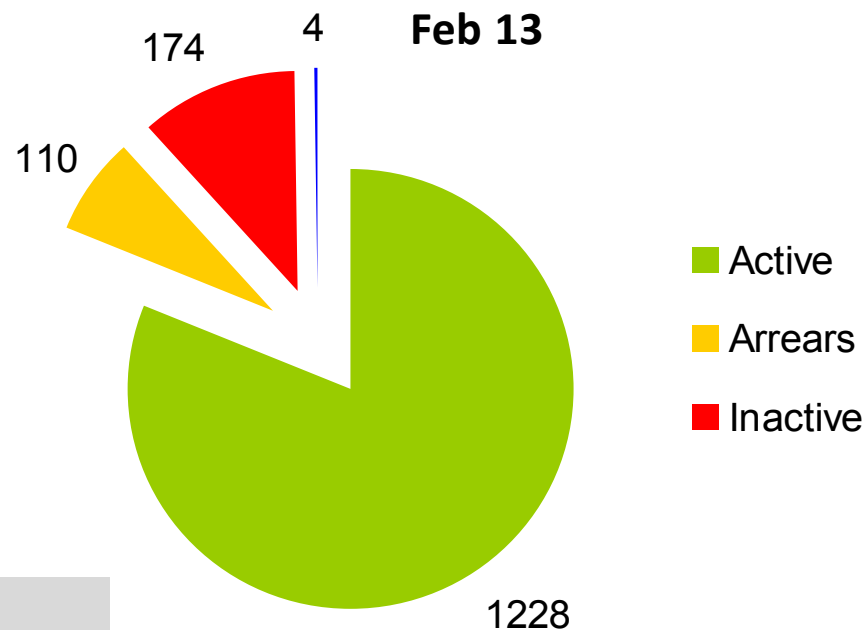
www.ieee.org/edsoc

Region 8 Chapters Coordination Sub-Committee Meeting **Report of the IEEE EMC Society**

Prepared by
Frank Sabath, Region 8 Membership Coordinator
and
Sergio A. Pignari, Chapter Coordinator
IEEE EMC Society

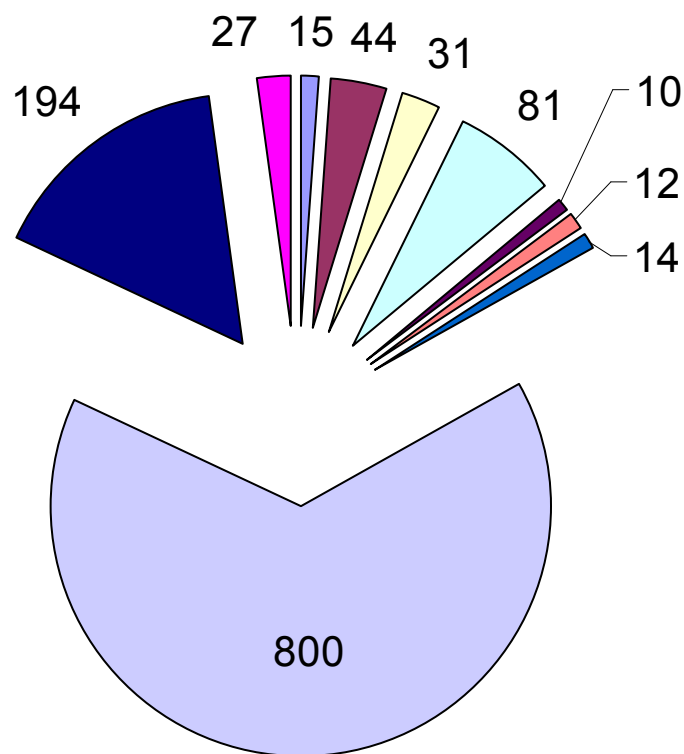


Region 8 Status - Membership



Status	Member	Diff.
Active	1228	13
Arrears	110	-11
Inactive	174	4
Resigned	4	-10

Region 8 Status: Membership Grade



- Affiliate
- Associate Member
- Fellow
- Graduate Student Member
- Life Fellow
- Life Member
- Life Senior
- Member
- Senior Member
- Student Member

EMCS Regional Coordinators

- **VP Member Services**

- Robert (Bob) Davis, USA

- **Chapter Coordinator, Regions 1-10**

- Sergio A. Pignari, Italy

- **Region 8 Membership Coordinator**

- Frank Sabath, Germany

- **Other coordinators appointed for R1-7, R9 and R10**

- **Tasks and Responsibilities**

- Work as a team with EMCS Chapter Coordinator
 - Membership and Chapter development within their Region

Annual Chapter Chair Retreats

- **Annual Chapter Chair Retreat held at the IEEE EMC Symposium**

- Organized as Chapter Chair Training Session and Dinner
- Networking session of the Chairs
- Presentation by IEEE MGA Information Management Specialist
- Focused presentations
- Brainstorming sessions after dinner

Regional Chapter Chair Retreats

■ Regional Retreats held in conjunction with Regional EMC Conferences

- Next Regional Retreat to be held in R10, at the 2013 APEMC Conference, Melbourne, Australia, May 2013
- To strengthen interaction and information exchange with local communities
- Brainstorming sessions with Regional Coordinators and Chapter Chairs



Online Chapter Resources and Tools

■ **Fundamental tools for**

- Chapter officers and members
 - Effective organization of chapter events
 - Enhancing chapter visibility (even beyond the boundaries of the EMC Community)

■ **EMC Society specific tools**

- Improve the transfer of basic information to the EMCS BoD
- Help monitoring chapter activity and status/health
- Improve publicity and advertising the EMCS interests and activities
- http://www.emcs.org/chapters/chapter_activity_reporting.html

Online Chapter Resources and Tools

■ **EMCS Chapter-Section Website Template**

- Official template designed and made available to the EMCS Chapters
- Uniform pages with basic information
 - About the chapter
 - Contact information for current/past officers
 - List of past events with presentations/photo material
 - Calendar of future meetings and other events
 - Printable forms and reports

■ **EMCS Chapter-Section Website**

- Ease chapter management through reference material available online
- Strengthen two-way communication between the chapters and the EMCS BoD
- Uniform format & design strategy with chapter websites
- Improve visibility of EMCS chapters and their activities



Online Chapter Resources and Tools

■ **Sentinel e-mail to chapter chairs**

- Recurring e-mail aimed at:
 - Inform chapter chairs about initiatives occurring at the chapter, society or IEEE level
 - Share news, ideas, information about best practices and events
 - Reminder of deadlines

■ **“Video DL” Program**

- Set of EMCS DL presentations recorded on video
- Video presentation available to EMCS chapter chairs and used in regular chapter meetings
- Videos available on DVD as a library loan (returned after chapter meeting)
- Streaming video formats also available

Chapter Awards

■ Chapter Reporting to EMCS

- Chapter activity reported through ad-hoc online form made available to chapter officers
 - Number and type of meetings
 - Speaker category (guest speaker, DL, etc.)
 - Number of attendees (IEEE, EMCS, others)
 - Chapter website
- Chapter Reporting sets criteria for Chapter awards

■ Three different chapter awards

- **Best Chapter of the Year**
 - To recognize outstanding performance of a chapter in serving its members and establishing goodwill for the Society
 - Most Improved Chapter of the Year
 - To Reward the chapter with the highest point **increase from one year to the next**
- **Chapter Founder Award**
 - To acknowledge person(s) who has/have founded a new chapter

Distinguished Lecturer (DL) and Respected Speaker Bureau (RSB)

- **All chapters have the availability of one DL a year at no cost**
 - Details on the EMCS web site
- **Respected speakers Bureau**
 - Comprises of Ex-DLs
 - Chapter pays full travel expenses
 - List of currently available speakers posted on EMCS web site

Membership Promotion

■ Displays

- All chapters have the availability of a briefcase type display
- Good for local events and small regional conferences
- Available through VP for Member Services (Bob Davis) for now and eventually through Regional Membership Coordinators

■ Next events

- **SPI 2013**, 12-15 May 2013, Paris, France
- **EMC Europe 2013**, 2 - 6 Sep 2013, Brugge, Belgium



Membership Promotion

■ New membership promotion program

■ 3-tier program

- **New Chapter formation – free EMCS membership**
- Local and regional events – Free EMCS membership
- IEEE International Symposium on EMC – Free IEEE and EMCS membership included in Non-Member Registration fees

Bob Haislmaier “Angel” Program

■ Program Structure and Operation

- Every chapter assigned an “Angel”
- “Angels” are members of the BoD
 - Knowledgeable about most aspects of the Society
- Angels are there to help the Chapters
 - Issue resolution
 - Participation in meetings and events
 - Financial support (up to US\$600/year)
- <http://www.emcs.org/awards/haislmaier.html>

Recommended Practices

- **Stay in touch with your membership**
 - Email to remind to renew IEEE membership (Feb.-Mar.)
 - Information on suspension of membership
 - Involve local chapter officer in membership booth staffing at co-sponsored events
- **Proactive senior-member nomination**
 - Chapter officer and active member

Additional Best Practices

- **Information on chapter activities in EMC Magazine (Chapter Chatter)**
- **Cooperation between neighboring chapter**
 - Jointly organized events/activities
 - Coordinated activities (DL)
 - Exchange of experiences
 - Assistance to start a chapter

IEEE EMC Society is coming to Region 8 for the
**Joint IEEE International Symposium on EMC
and EMC Europe, Dresden 2015**



<http://www.emc2015.org/>



Best Practices Industry Applications Society

**R8 Committee Meeting
Madrid, Apr 18-21, 2013**

Peter Magyar, IEEE Fellow

**IAS
Chapters and Membership
Development Department
Chair**

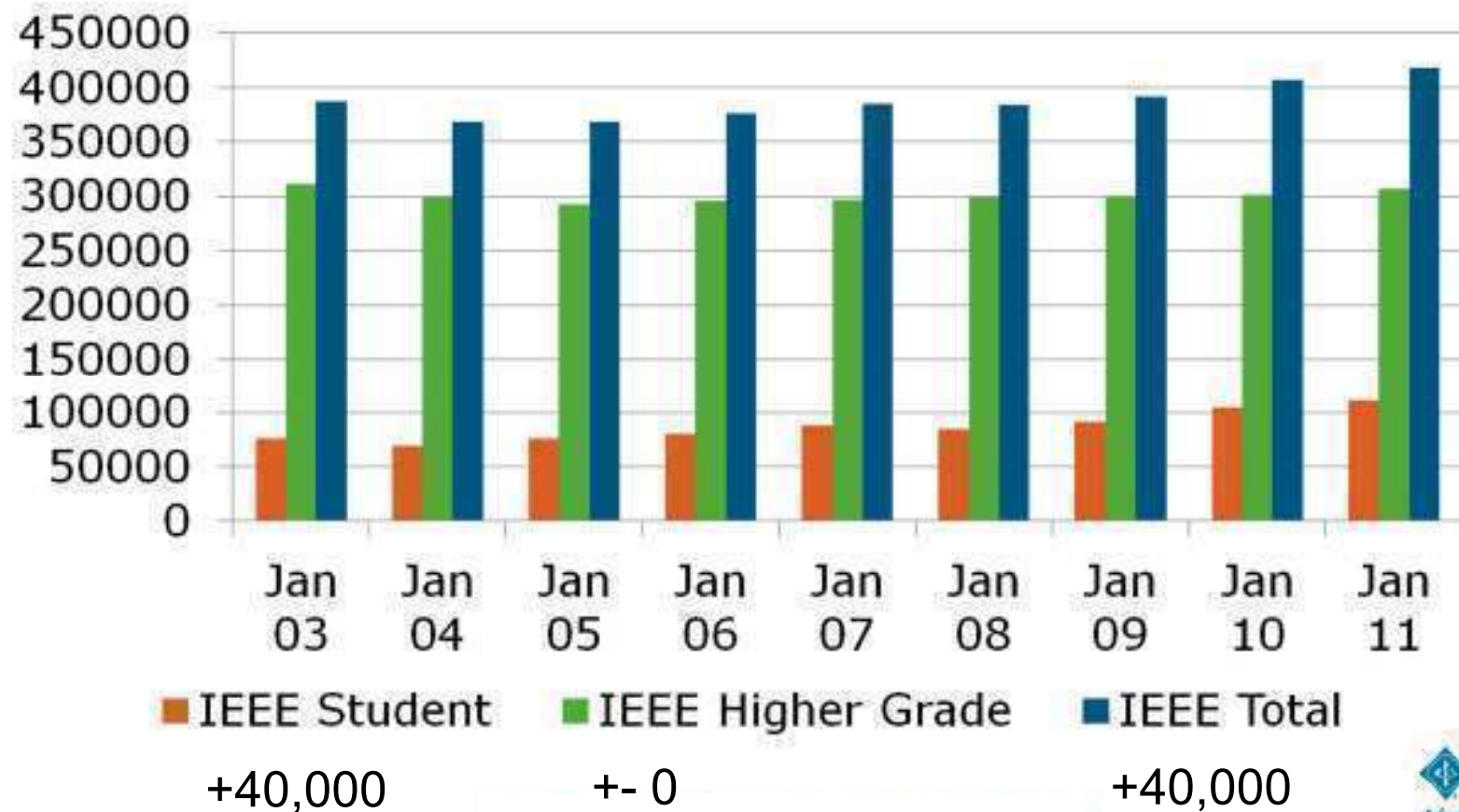


The Key Issues of the Activity of the IAS Chapters and Membership Development Department

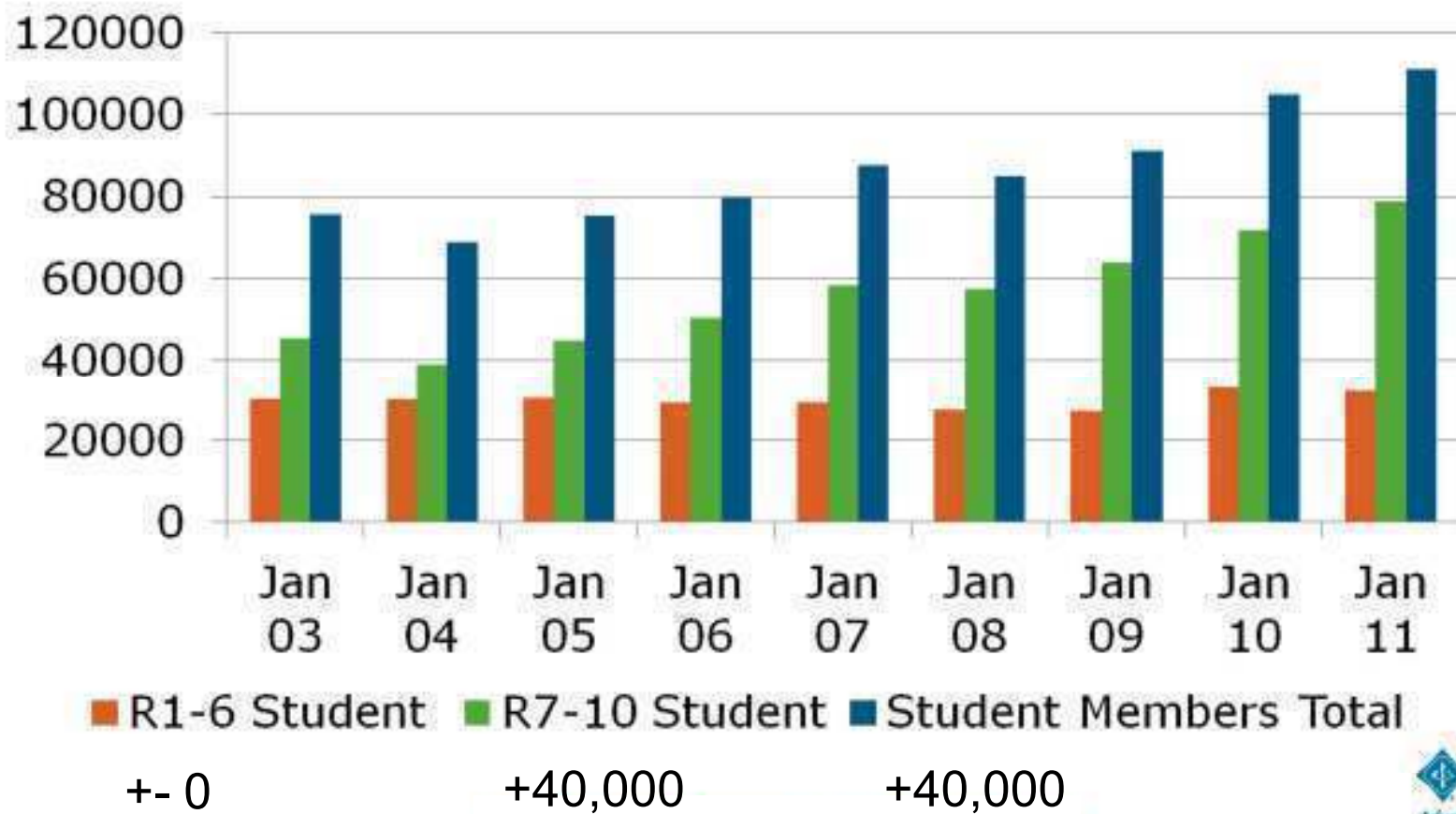
- Strengthening the student activity
- Strengthening the chapter activity
- Strengthening the student chapter activity

WHY IS STUDENT ACTIVITY IMPORTANT ?

IEEE Higher Grade and Student Membership Trend 2003-2011



IEEE Student Grade Membership Development 2003-2011



Conclusion

- The IEEE membership development 2003-2011 (**40,000** members)

was driven

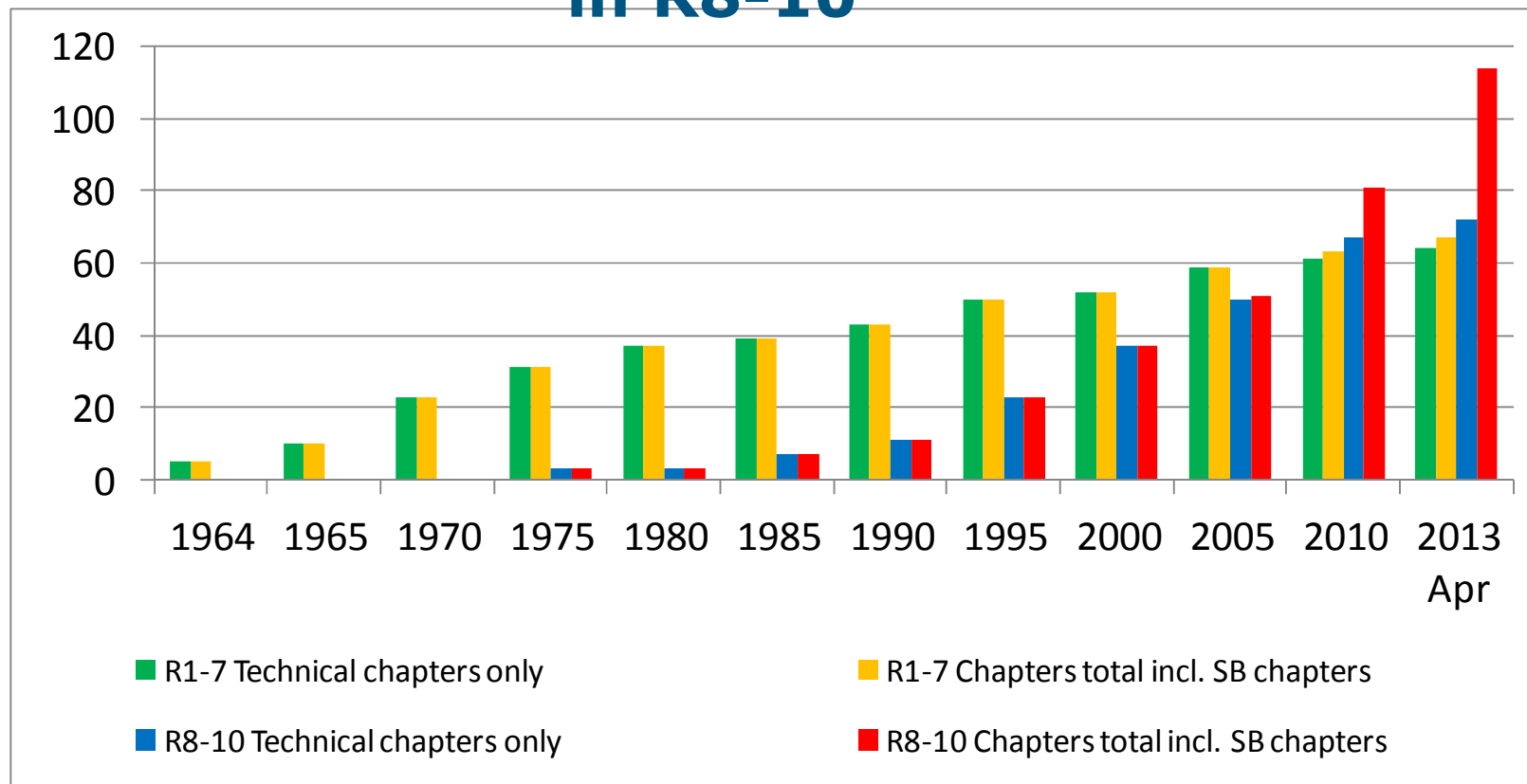
by the IEEE student membership development in R7-10 / R8-10 (**40,000** members)

The IEEE Student Activity outside N-America is One of The Main Driving Power of IEEE



IAS Chapter Development 1964-2013 Apr

Driving power: SB chapter development
in R8-10



The IAS Student Branch Chapters in R8-10 are The Main Driving Power of the IAS Chapter Development



IAS MEMBERSHIP DEVELOPMENT

IAS Membership Development Trend

- Higher grade membership
 - YoY change: +0.9% (Dec 2012)
- Student grade membership
 - YoY change: +31.3% (Dec 2012)

IAS Membership Development Trend

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- Student grade membership
 - YoY change: **+31.3%** (Dec 2012)
 - **2nd highest rate at IEEE**

IAS Membership Development Trend

- Higher grade membership
 - YoY change: +0.9% (Dec 2012)
- Student grade membership
 - YoY change: **+31.3%** (Dec 2012)
 - **2nd highest rate at IEEE**
- **8% of the membership (800 of 10,000) are student members**

IAS CHAPTER DEVELOPMENT

IAS Chapter Attributes

2013 Apr

■ Number of chapters worldwide

- Total 186 (incl. 6 running petitions)
- Technical 136
- Student Branch 50 (incl. 6 running petitions)
(26.7% of the total chapters)

■ Region 8:

- Total 48 (incl. 3 running petitions)
- Technical 31
- Student Branch 17 (incl. 3 running petitions)
(41.5% of the total chapters)

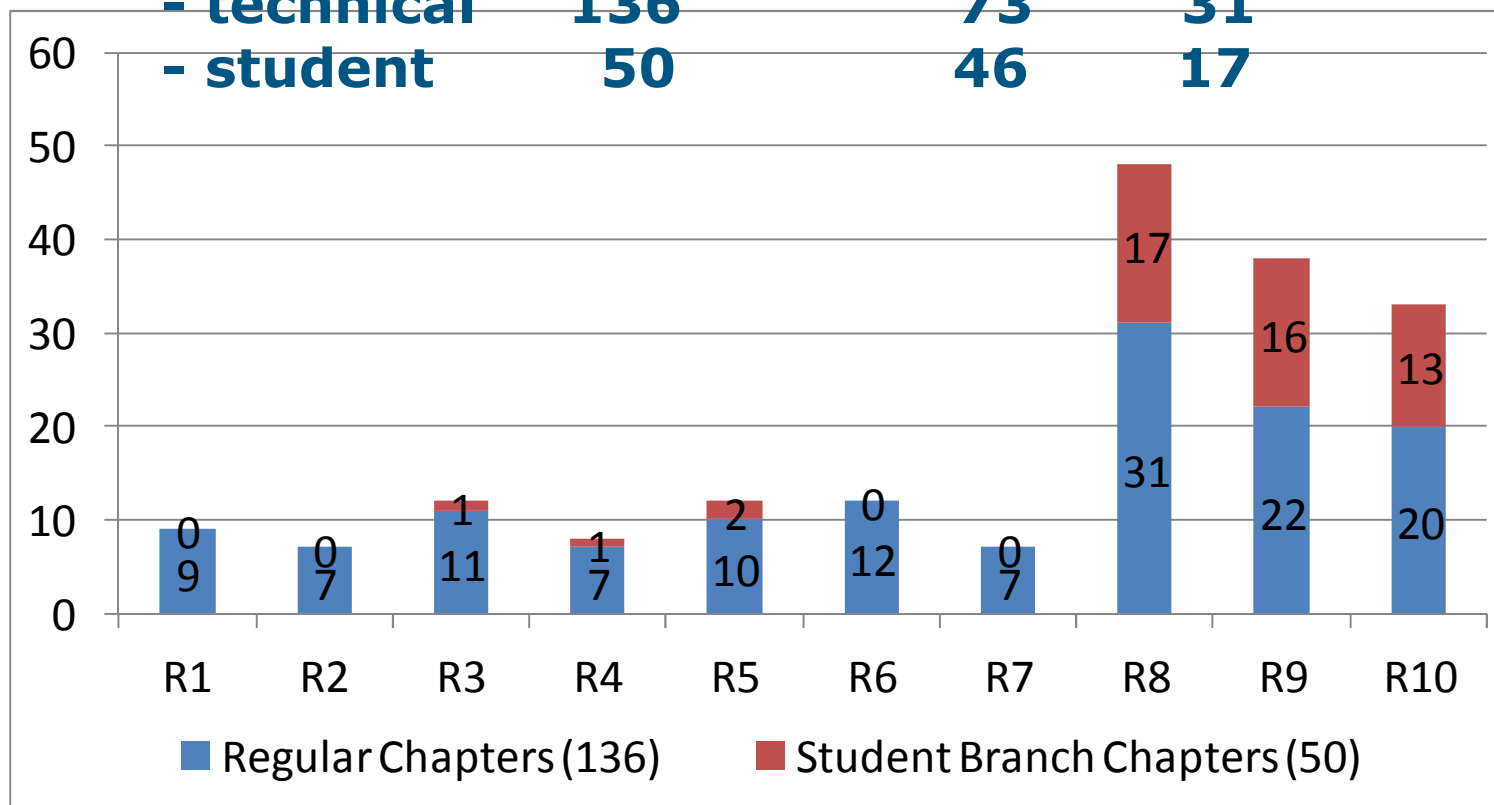
Chapters by Regions, Apr 2013

Chapters worldwide / R8-10 / R8

- total 186 119 48

- technical 136 73 31

- student 50 46 17

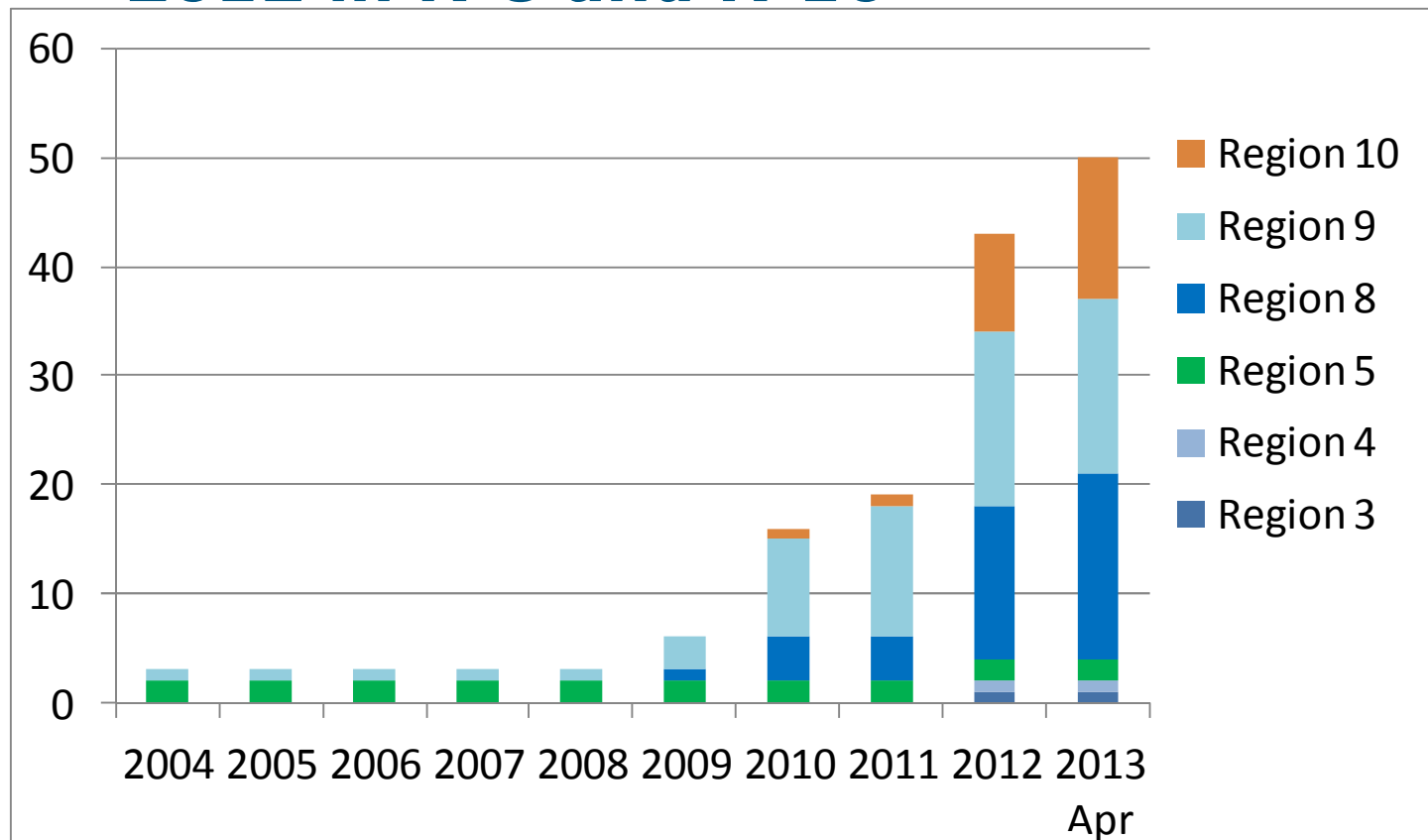


SB Chapter Development Boom

The Great Leap Forwards

2010 in R-9

2012 in R-8 and R-10



Student Branch IAS Chapters, R8

2013 Apr (14 establishing, 3 petitions)

■ R-8 (17)

- **Algeria Subsection**, Université de Constantine SB IAS Chapter
- **Benelux Section**, University of Lueven SB IAS/IES Chapter
- **Bosnia and Herzegovina**, University of Sarajevo SB IAS Chapter
- **Croatia**, University of Zagreb SB IAS Chapter
- **France, University of Technology Belfort- Montbéliard SB IAS Chapter**
- **France, University of Picardie Jules Verne SB IAS Chapter**
- **Germany**, RWTH Aachen Univ of Technology PELS/IAS Chapter
- **Greece**, Democritus University of Thrace, Xanthi, SB IAS Chapter
- **Hungary**, Budapest University of Techn. And Econ. SB PES/IAS Chapter
- **Hungary**, Óbuda University of SB IAS Chapter
- **Iran, K.N. Toosi University of Technology SB IAS Chapter**
- **Italy**, La Sapienza University of Rome SB IAS Chapter
- **Palestine Subsection**, An Najah National University SB IAS Chapter
- **Portugal**, Instituto Superior Técnico SB IAS Chapter
- **South-Africa**, University of Pretoria SB IAS Chapter
- **South-Africa**, University of Cape Town SB IAS Chapter
- **Tunisia**, Ecole National d' Ingenieurs de Sfax SB IAS Chapter

In Progress, Apr 2013:

Region 3

- Central Florida

Region 5

- Central Texas

Region 8

- Bahrain
- Egypt
- Iran
- Israel
- Ukraine
- UAE
- Qatar

Region 9

- Mexico
- Colombia
- Nicaragua

Region 10

- China
- India
- Sri Lanka
- Japan



IAS CHAPTER AND MEMBER SUPPORT

Chapter and Member Support Programs and Contests

- IA-Society Outstanding Young Member Award
- IAS ED Zucker Conference Travel Award Contest
- IAS ED Zucker Design Contest
- IAS Ind. Power Conversion Systems Dept.'s Conf Travel Program
 - APEC (30 students)
 - ECCE (60 students)
- IAS CMD Outstanding Chapter Contest
- IAS CMD Chapter Web Contest
- IAS CMD Graduate Student Master Thesis Contest
- IAS CMD Conference and Workshop Travel Support Program
- IAS CMD Annual Meeting Conference Travel Support Program
- IAS CMD Chapter Financial Support Program
- IAS CMD DL Program

Chapter and Member Support Programs and Contests

Society
Award

- IA-Society Outstanding Young Member Award
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Chapter and Member Support Programs and Contests

Education
Dept.'s Progr.

- IA-Society Outstanding Young Member Award
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Chapter and Member Support Programs and Contests

Tech. Dept.'s Program,

- IA-Society Outstanding Young Member Award
- IAS ED Zucker Conference Travel Award Contest
- IAS ED Zucker Design Contest
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- IAS CMD DL Program

Chapter and Member Support Programs and Contests

Chapters & Membership Dept's Progr.

- IA-Society Outstanding Young Member Award
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- IAS CMD Chapter Financial Support Program
- IAS CMD DL Program

■ Contact

– Peter Magyar

IAS Chapters and Membership Department Chair
2009-2013

peter.magyar@ieee.org



■ Web

– <http://ias.ieee.org>

– <http://ias.ieee.org/chapters-a-membership.html>

The Instrumentation and Measurement Society

- ▶ **Focus:** Advance knowledge in the theory, methodology and practice of measurement, and in the design, development and evaluation of measurement systems.
- ▶ **Membership:** (February 2013): 3415 (3349, Stud. 52)
- ▶ **Chapter activities** → Chapter Chair liaison
- ▶ **Chapters:**
R1-R6:14
R7:4
(R1:5; R2:2; R3:1; R4:2; R5:2; R6:2)
R8: 13
R9: 2
R10: 9

Awards –Funding -Recognition

- Society Annual Outstanding Chapter Award
- Chapter Development Funding Program
- Distinguished Lecturer Program -> encouraging DL visits to newly created chapters or in areas where IMS support can be strengthened
- EdCom awards: Faculty Course Development Award and Graduate Fellowship Award.
- Chapter Summit –in our first year of offering we have almost 1/3 of our Chairs attending.

Web presence

- ▶ Chapters – map and list of chapters (with contact data); chapter toolbox - common information on: awards, financing, how to form a chapter, reporting



Diversity

- ▶ 2013 AdCom Members-at-a-large: 16 members, 6 WIE
- ▶ 2013 IEEE IMS Officers – WIE:

VP Membership

VP Education

VP Finance

VP Publications

VP Technical Committees and Standardization



Spain Chapter of the Information Theory Society

- Small society: around 20-30 chapter members
- People meet at conferences & Ph.D. committees and work together in projects

Our activities focus on:

- networking with people outside of Spain
- increasing the visibility of Spanish research on information theory



Planned Activities

☐ **2013 IEEE Information Theory Workshop in Sevilla**

The Spain Chapter of the ITSoc is involved in the organization of this event. We will invite world-leading experts in information theory for a mini-workshop in Madrid right before ITW.

☐ **“Paella for Pals”**

Networking event that takes place in Barcelona where European researchers meet to establish international collaborations.

☐ **“Españoles por el mundo”**

Pinboard where European researchers can advertise research stays for Ph.D. students.



The IEEE ITS Society

Chapter Development - Best Practices

Miguel Ángel Sotelo

Editor-in-Chief IEEE ITSS Newsletter

miguel.sotelo@uah.es

Madrid, April 19, 2013



Outline



- Introduction
- ITSS Chapters
- ITSS Conferences
- ITS Now
- ITSS Podcasts
- ITSS Student activities



IEEE ITS Society



- The IEEE ITS Society advances the theoretical, experimental, and operational aspects of Electrical Engineering and Information Technologies as applied to Intelligent Transportation Systems (ITS).
- The focus is put on those systems utilizing synergistic technologies and systems engineering concepts to develop and improve transportation systems of all kinds.



ITSS Chapters



- ITSS Chapters (recently formed)
 - Spain, Japan, Greece, Columbia
- Full support from BoG to Chapters
 - 500\$ after first year of successful operation; 250\$ annual support; The ITS Society has a budget for distinguished lecturer travel support and chapters are encouraged to apply for funding
 - Link from ITSS Web site
- Chapters are encouraged to promote local networking between academia and industry in the field of ITS
- Liaison between local chapters to apply for EC projects
- Chapters members are encouraged to support the organization of conferences in their regions



ITSS Conferences



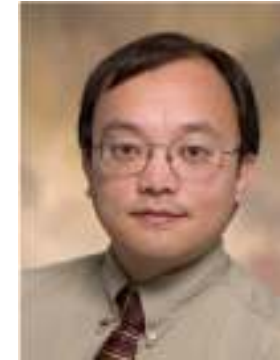
- ITSS Conferences:
 - Best Practices manual for conference organizers
 - Well balanced attendance: industry vs. academia (50-50)
 - Conferences and Publications at reduced rates
 - Best conference papers typically make it into a Transactions or ITS Magazine special issue
 - Value provided to attendees is maximized (vs. surplus)
 - Typical acceptance rate: 60% of submitted papers
- Synergy policy: co-sponsored Conferences with:
 - IEEE Communications Society, IEEE Vehicular Technology Society IEEE Robotics and Automation



ITS Now!



- Each quarter, an “ITS Now” theme editorial team selects 10-15 papers from ITSS journal/magazine/conferences on a topic of interest and write a short editorial
- This theme-based set of papers made available on the IEEE ITSS website



VP for Pubs

Issue 1: “Mechatronic and Embedded Systems
Pave the Way for Autonomous Driving”

Issue 2: “ITS and Road Safety”

Issue 3: “Mobile Communication Networks”



ITSS Podcasts



- Focus: To diffuse edge scientific achievements within our society activities and publications to a wider audience in an attractive, understandable and challenging format.

Targets:

- ITSS members, ITS scientists, engineers and practitioners
- Science folks in the neighborhood
- Students not yet decided
- Big Public

Expected Goals:

- **INCREASE** in Readers, Members, Cites
- interdisciplinary new links, contacts, research projects, scientific events, etc.
- student members, future collaborators
- **Social Function:** return public investments (divulcation)
- **Sympathy**
- **INCREASE financial support**



ITSS Student Activities



- Sponsored recreational and networking events at the annual conferences for student members



ITSC2012: Alaska Glacier Cruise and City Bicycle Tour





The IEEE ITS Society

Chapter Development - Best Practices

Q&A

Miguel Ángel Sotelo

Editor-in-Chief IEEE ITSS Newsletter

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Madrid, April 19, 2013

MTT Society: Chapter Coordination Sub/Committee

**Chapter Coordination Sub/Committee Region 8
Madrid, April 19th, 2013**

Microwave Theory and Technique Society

Jan Macháč, Daniel Pasquet

MTT-S Region 8 Chapter Coordinators



MTT Society: Chapter Coordination Sub/Committee

MTT Society:

155 CHAPTERS WORLDWIDE:

- 53 in Regions 1- 6
- 8 in Region 7
- **43 in Region 8 (2 SBC)**
- 6 in Region 9
- 45 in Region 10

Each region has **Chapter Chair Coordinator(s)**
– working under MGA Committee



MTT Society: Chapter Coordination Sub/Committee

Chapter Coordinators: inform Chapters,
help Chapters, help to establish new Chapters,
organize Chapter Chair Meetings
approve financial support to chapters

Region 8 – Daniel Pasquet, Jan Macháč

Chapter ambassadors in Region 8:

Shmuel Auster, João Costa-Freire,
Wojciech Krzysztofik, Yury V. Kuznetsov,
Jan Macháč, Dominique Schreurs,
and Felix Yanovski

personal work with chapters



MTT Society: Chapter Coordination Sub/Committee

Chapter Support (MGA):

\$1000 MTT-S Chapter

\$500 joined Chapter

\$500 workshop nominally (up to \$3000 –
approved by MGA Committee)

DM Lecturers, Speakers Bureau

Graduate/Undergraduate/Pre-Graduate Scholarships

Student Competitions at IMS:

Student Paper Competition

Graduate Student Challenge

Student Design Competition



MTT Society: Chapter Coordination Sub/Committee



**International Conference on
Mathematical Methods in Electromagnetic Theory**

[Log in](#) [Register](#)

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14th International Conference on
MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY
August 28–30, 2012 – Kharkiv, Ukraine

Come to
to blend mathematics and electrodynamics

Preliminary
Program

Co-organized by:
Ukraine East Section,
IEEE ED/AES/AP/GRS/MTT/NPS Joint Chapter,
approved support \$3000

MTTs®

region 8
IEEE

IEEE

MTT Society: Chapter Coordination Sub/Committee

Chapter Chair Meetings organized annually at the main microwave related conferences:

**Regions 1-7 – International Microwave
Symposium**

Region 8 – European Microwave Week

**Region 10 – Asia Pacific Microwave
Conference**



MTT Society: Chapter Coordination Sub/Committee

Chapter Chair Meetings financial support:

\$1500 for Travel to Chapter Chair Meetings

(covers transportation, visa, up to 3 nights accommodation)
(Conference registration fee not reimbursable)

Eligible: active chapters, once a year



MTT Society: Chapter Coordination Sub/Committee

Chapter Chair Meeting at EuMW 2012

Monday October 29th, 2012 at 3 p.m.

Holiday Inn Amsterdam

AP and ED Chapters invited.

Sister societies presidents invited - attended by M. Slazar Palma

Martin Bastiaans, Region 8 Director-Elect presented R-8

Followed by the traditional dinner



MTT Society: Chapter Coordination Sub/Committee

The meeting gathered about **45 participants**

18 MTT-S Chapters from Region 8 were represented:

Austria, Belarus, Benelux, Central and Southern Italy, Czechoslovakia, France, Germany, Israel, Lithuania, Poland, Portugal, Russia Tomsk, Russia Saratov-Penza, Russia Student Branch Chapter, Serbia and Montenegro, Sweden, Ukraine Central Kiev, Ukraine East

Agenda:

Address from Nick Kolas, MTT-S president

Address from Martin Bastiaans, Region 8 Director Elect

Address from Magdalena Salazar-Palma, AP-S past president

Relation between chapters, sections and societies

by Daniel Pasquet, MTT-S Region 8 coordinator

What chapter chairs should know by Mike Golio, MTT-S MGA Administrator

Best and worst practices moderated by Jan Macháč, MTT-S Region 8 coordinator



MTT Society: Chapter Coordination Sub/Committee

Will be presented in Microwave Magazine – Around the Globe

April 2013

2012 Gathering Region 8 MTT-S Chapter Representatives in Amsterdam

by Jan Machac and Daniel Pasquet

presented as well in R8 News



MTT Society: Chapter Coordination Sub/Committee

Motto:

The work done for chapters is one of the best volunteer investment for the MTT Society, as chapters represent the Society to our members. Active chapters provide the best image of the Society and advertise the Society between engineers, students and all other people working in the field of microwaves.

Thank you for your kind attention.





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Report of the

IEEE – PELS Region 8 Officer

(appointment period : 2013/2014)

Ralph Kennel

Professor for Electrical Drive Systems and Power Electronics

Techn. Univ. Muenchen

kennel@ieee.org



Best Chapter Award

- Selection by :
 - number of members
 - website (yes or no)
 - (Distinguished) Lectures
 - Chapter Meetings
 - organization of international events (Conferences, Workshops, ...)
 - organization of national events (Seminars, ...)
 - financial support by PELS
 - announced (future)activities

... all activities are considered by a weighted point system



Chapter Meeting 24./25.3.2011
ThyssenKrupp Aufzugswerke





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Best Chapter Award

... in 2012 the winner was :

- in the category BEST CHAPTER (S/M)

Joint PELS/IES Delhi Chapter (India)

- in the category BEST CHAPTER (LARGE)

Joint IES/CS/RAS/IAS/PELS/VTS Argentina Chapter



Chapter Meeting 24./25.3.2011
ThyssenKrupp Aufzugswerke





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Best Chapter Award

– in the category BEST CHAPTER (LARGE)

Joint IES/PELS/IAS German Chapter

has obtain second place (only)

... in the past, however, they have got the

Best Chapter Award of all 3 Societies

several times !



Chapter Meeting 24./25.3.2011
ThyssenKrupp Aufzugswerke





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Chapter Report 2012

IEEE Joint IAS/PELS/IES German Chapter

Chairman 2013/2014:

Dr.-Ing. Omid Forati Kashani

Continental AG

omid.foratikashani@ieee.org



Chapter Board 2011/2012

Chairman:

Prof. Dr.-Ing. Axel Mertens
Leibniz Universität Hannover
mertens@ial.uni-hannover.de

Vice Chairman:

Dr.-Ing. Edwin Kiel
SMA Solar Technology AG
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Secretary:

Dr.-Ing. Omid Forati Kashani
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Treasurer:

Prof. Dr.-Ing. Mark Bakran
University of Bayreuth
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Public Relations Chair:

Dr.-Ing. Andreas Wagener
Dr. Fritz Faulhaber GmbH&Co. KG
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Membership Development**Officer:**

Dr.-Ing. Stephan Beineke
LTI Drives
stephan.beineke@lt-i.com



Chapter Board 2013/2014

Chairman:

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Vice Chairman:

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ingo.pletschen@thyssenkrupp.com

Membership Development**Officer:**

Dr.-Ing. Stephan Beineke
LTI Drives

stephan.beineke@lt-i.com

Activities 2012: Meetings

Joint Meeting with Austrian Joint Chapter and Swiss PELS Chapter, 22nd – 23th March 2012

Fraunhofer-Institut für Solare Energiesysteme ISE, in Freiburg
ca. 54 participants

Chapter Meeting 20th-21st September 2012

Nordex Energy GmbH and **Universität Rostock – Institut für Elektrische Energietechnik**, in Rostock
ca. 45 participants

Chapter Meeting 22nd – 23th November 2012

Universität Paderborn - Fachgebiet Leistungselektronik und Elektrische Antriebstechnik and **dSPACE GmbH**, in Paderborn
ca. 36 participants





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Activities 2013: Meetings

Chapter Meeting 4th-5th April 2013

Wittenstein GmbH in Igersheim

Joint Meeting with Austrian Joint Chapter 4th-5th July 2013

Technical University of Graz in Graz (Austria)

another meeting in Autumn 2013





Region 8 Meeting, April 19 – 21, 2013, Madrid, Spain

Activities 2012: Other

Granted Award :

2012 IAS Outstanding Large Joint Chapter Award

Public Relations:

Continuing submission of printed reports for IAS, PELS or IES society magazines and R8 Newsletter



IEEE Robotics & Automation Society RAS



<http://www.ieee-ras.org>

RAS Technical Field of Interest

- The Society is interested in both **applied and theoretical issues** in robotics and automation.



iRobot PackBot



ABB FRIDA



- **Robotics:** include **intelligent machines and systems** used, for example, in space exploration, human services, or manufacturing



KAIST Hubo

- **Automation:** use of **automated methods** in various applications, for example, factory, office, home, or transportation systems **to improve performance and productivity.**



RST PenelopeCS



Current Chapter RAS stats

- **70 Section Chapters**
- **54 Student Branch Chapters**
- **37 countries**



Chapter Best Practices

- RAS website is a platform for the Chapters to share their sites;
- Moving forward Chapters will be able to add events to the web calendar;
- RAS is working on the connection with Chapters: i.e. RAS has recently started asking chapter for news items to include in the Society News section of RAM (photo/paragraph).
- Support for Chapters - Grant Available \$2000 maximum

IEEE Solid-State Circuits Society

An overview of Global Outreach activities

Rakesh Kumar, *Ph.D., IEEE Life Fellow*

President



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IEEE SSCS global Outreach 2012-2013

➤ Focus on Chapter formation

- Poland, South Africa, Tunisia in R8
- Delhi, Kerala, Gujarat, Vietnam, Thailand in R10

➤ Focus on Education

- Distinguished Lectures
 - “Mini Colloquia” in 2012
 - South Africa, India, China
 - “Mini Colloquia” in 2013
 - Countries around Bucharest
 - Countries around Singapore
- Online tutorials
- Webinars