

IEEE region8news

The Institute of Electrical and Electronics Engineers, Inc. 445 Hoes Lane Piscataway, NJ 08855

<http://www.ieee.org/r8>

<http://www.ieee.org/r8>

Region 8 Committee Meets in Iceland



Iceland is one of the newest Sections in Region 8 and although small has very active technical groups. The Chair, Prof Jon Benediktsson of the University of Iceland, invited the Region 8 Committee to hold their Spring meeting from 28/29th June in the capital city, Reykjavik. The regional meetings, held twice a year, present an excellent opportunity for the 41 Section Chairs in Region 8 to represent the views of their members in the development of regional policy and to voice concerns over problems being experienced in their Section. In turn, the Regional Director can transmit these concerns to the major boards of IEEE, including the Board of Directors.

In recent years, Region 8 has encouraged Section Chairs to participate in the policy making process through involvement in **Focus Groups** held at these regional meetings. The projects that emanate from these discussions are selected by the

Section Chairs for funding support from the regional budget. At present there are about 20 active projects being pursued in the Region, ranging from proposals to improve service to members, increasing interaction with industry, and efforts to bring student members together through conferences and competitions.

Industry relations are a current priority for Region 8 partly because academia tends to dominate many of our activities, and also because industry needs to be better informed about the benefits to their company of IEEE membership for their employees.

We need better contacts with managers and executives of electronics and computer companies in the Region.

One benefit is the workshops in leadership and management skills given in R8.

The **Chapter Co-ordination Sub-committee**, which meets each year, brought together the co-ordinators of several major

IEEE technical Societies. Region 8 has a very impressive record of achievement in the large growth of Chapters in recent years, many of which are extremely active. Chapter of the Year Awards, which were presented in Reykjavik is an example of the work of this committee.

The Student Activities Committee and the Conference Committee also met to plan future events in the region and to present their proposals for approval by the Section Chairs.

On this occasion we were joined by senior officers from



Iceland Troll being interviewed by the Editor of R8 News

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Region 1 (North-eastern USA) who were able to observe how Region 8 conducts its meetings and to offer suggestions and comments based on their own experience.

The next Region 8 meeting will take place in Zagreb, Croatia. Any member can contact their Section Chair to express their opinion on issues they would like to have raised at this meeting.

Charles Turner
Secretary IEEE Region 8

Editor's Ramblings...

Dear Reader,

The August issue was delayed. Please accept my apologies. Regular schedule starts again. As you read this in September, the November deadline ends.

In June I travelled to Nashville, Tennessee, home of "Country Music". I am involved with IEEE discussions about publications services and products. There is a big effort to reduce expenditure by cutting back printed material to IEEE members. I found little understanding about high cost and low reliability of receiving "e-material" outside the USA.

Do you think that the IEEE publications and services are better or worse? Is the quality and frequency of IEEE magazines (Spectrum, The Institute, etc.) what you expect? Let me know.

Iceland is the feature of this issue - Region 8 held it's meeting in Reykjavik in June at the invitation of IEEE Iceland Section. On page 1 Charles Turner describes what we did, and later on more photographs and articles tell about this wonderful place. Iceland is a modern country, full of natural unspoiled beauty, with much history of tele-communication, radio, electric power, and so on. I can highly recommend a visit.

In these pages - New series about The IEEE Foundation and it's benefits; A complete Review of Electronic Services; Candidates for Region 8 Director explain their view about our future.

Look for winners of Photo Quiz and the New September quiz - try your luck and win an IEEE Milestone 02 Swatch.

Next month- a new series begins - Region8 Industry so tell me about your enterprise. Read how IEEE members succeed in business, commerce, industry. See announcement in this issue and write to me about your experiences.

Roland Saam
Editor
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Help Desk Members:

Members, students, applicants may have all their questions answered by contacting the Help Desk volunteers. Please use this service freely. Information on what, where, when, how regarding membership, payments, procedures. IEEE member and affiliate inquiries from Region 8 should be sent to: member-services@ieee.org

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Advertisements of interest to Region 8 news are welcome. Prices, deadlines, and information - contact Hilary Turnbull, IEEE Media Telephone +44 131 660 6605 e-mail: ht.ieeemedi@ieee.org

Region 8 Website: www.ieee.org/r8

Student Paper Contest - contact Martin Bastiaans: m.j.bastiaans@ieee.org

REGION 8 OPERATING COMMITTEE

See <http://www.ewh.ieee.org/reg/8/committee/index.html> for descriptions, by-laws. E-mail addresses of Region 8 Committee Officers - 2002:

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R8 DEADLINES (NEWSLETTER SCHEDULE 2003)

Region 8 News is published quarterly by the Region 8 Committee of The Institute of Electrical and Electronics Engineers and distributed free with IEEE Spectrum, to more than 50,000 IEEE members.

Requests for extra copies for distribution at IEEE events, should be made to the Editor by e-mail before the deadline: specify quantity and delivery address.

All information of interest to members and articles from any member of the IEEE are welcome. Please send as Plain Text, RTF, and DOC files Send photography separately as JPG files. Check R8News-Guide at www.ieee.org/r8. Emails: Subject [R8News] Please send Student News to R8StudentNews@ieee.org and GOLD News to R8GOLD@ieee.org. Read past issues at www.ieee.org/r8

The deadlines for the Region8 News for 2003 are as follows:
November 2003 Issue: 1 September 2003
February 2004 issue: 1 December 2003

Acknowledgements

Globetrotter™ Guide to Iceland Rowland Mead
"Around Iceland" Guide www.heimur.is/world.
The Reykjavik Grapevine" grapevine@strik.is
Photos by: Jeremy Newberry; Mario De Weerd; Roland Saam
Drawings: copyright 2002 by Tayfun Akgul
Corrections: In Feb 2003 page 22 caption should be "SPAC October 2002 held at NAUSB", as reported on p.23

By Jeremy Newberry
IEEE Region 8 Electronic
Communications Coordinator

The IEEE provides many electronic services to its members and to the public at large, and is continually adding new offerings. I thought it would be helpful to collect together the most useful of those services in a single article. Look on the Region 8 website for the web addresses - on the "Links" page. Region 8 Website - www.ieee.org/r8

I maintain the Region 8 website and have added many new functions, including:

- Contact details Region 8 Committee
- Latest issues of Region 8 News
- List of Sections with contact information and website addresses
- Details of IEEE sponsored international conferences in the region
- Region 8 Awards, Standards, GOLD and Student Activities

IEEE Web Account

The main IEEE website is at www.ieee.org. To use many services on this website you require an IEEE Web Account, which consists of a username and password. You can register for one at www.ieee.org/web/accounts

IEEE e-mail alias - [elecomm.ieee.org](mailto:elecomm@ieee.org)

One of the most useful and popular services available only to members is the IEEE email alias, such as your.name@ieee.org. You can register a personal alias of your choice. Any mail sent to your alias will be forwarded to your real Internet email address. You will be identified as an IEEE member by your email alias, and when your regular email address changes, you can update the address it forwards mail to, without having to inform all your colleagues of the change. You also have the comfort of knowing that all your email has been scanned for viruses.

The virus scanning feature helps prevent receiving viruses. Attachments sent to your.name@ieee.org will be scanned for viruses. If a virus is found, the attachment will be deleted, and an alert sent to both the sender and recipient. The virus scanning

software is updated daily. A service like this typically costs \$30 per year, but as an IEEE member, it is yours FREE of charge. All my mail is received through my IEEE alias, and I have never received a virus - they have all been successfully deleted before receipt.

Membership Administration

The following services are available at www.ieee.org/membership

- Online Membership Application
- Online Membership Renewal
- Change address/contact details
- Add Society memberships or publications

Grade Elevation

- Associate to Member - www.ieee.org/ra/md/memelv.htm
- Society Affiliate to Member - www.ieee.org/aftomem
- Member to Senior Member - www.ieee.org/seniormember
- Fellow Nomination - www.ieee.org/fellows

SAMIEEE - www.ieee.org/samieee

The new version of access to the IEEE membership database uses a web-based query system. It can be accessed by Section, Chapter and MD Chairs - please contact me if you need any help using it.

Publications

IEEE publishes more than 100 of the leading journals in computing, telecommunications, power and dozens of other disciplines. IEEE journals and magazines are the most highly cited periodicals in their respective fields.

IEEE Spectrum Online -

www.spectrum.ieee.org

Free to all IEEE members.

The Institute - www.theinstitute.ieee.org

Free to all.

Society Journals Online -

www.ieee.org/societies

Free to members of that IEEE Society.

Society Newsletters -

www.theinstitute.ieee.org/socnews.html

Free to all.

IEEE Xplore - www.ieee.org/ieeexplore

With IEEE Xplore, you can browse the complete collection of tables of contents of IEEE transactions, journals, magazines, conference proceedings and standards. You can search and view all IEEE abstracts from 1988, and can download citations in the standard format. You can also browse, search and view full-text articles of journals you subscribe to, and can purchase articles online for those you don't subscribe to.

IEEE Member Digital Library - www.ieee.org/ieeemdl

If you regularly require articles in IEEE journals that you don't subscribe to, this allows you to download up to 25 articles per month for a cost of \$35 per month.

Ask*IEEE - www.ieee.org/services/askieee

If you can't find a paper in IEEE Xplore, use Ask*IEEE - an automated document delivery service for papers and articles from thousands of publishers. Search online and receive the document via fax, mail or electronically.

IEL - www.ieee.org/iel

The IEEE/IEE Electronic Library provides libraries and research professionals a single source to publications from the IEEE and the IEE. The IEL has more than 650,000 articles from over 12,000 journals, conference proceedings and IEEE Standards, including full text archives of IEEE and IEE publications since 1988.

IEEE Online Catalog & Store -

shop.ieee.org

This allows online purchase of IEEE Products including books, conference proceedings, standards, journals and merchandise.

Standards

Get IEEE 802 -

standards.ieee.org/getieee802

The Get IEEE 802® program makes IEEE Local and Metropolitan Area Network standards available FREE in PDF format thanks to the sponsors.

Standards Shop - shop.ieee.org

This allows online purchase of IEEE standards

IEEE Standards Online -

standards.ieee.org/catalog/olis

IEEE Electronic Services *continued*

This allows access to all or a subset of IEEE standards for an annual pre-paid subscription; it is aimed at business, government and academia.

Conferences

IEEE Conference Database Search - www.ieee.org/conferencesearch

The Database includes all meetings run by, or in association with, the IEEE. Sponsors include Technical Societies, geographic Regions, and specialized Boards/Committees. Search by date, keyword, country, region, or sponsor.

Education

Technical Presentations - www.ieee.org/organizations/eab/icet/presentations.htm

Audio/PowerPoint presentations on current technologies by IEEE experts which are free to all members. Subjects include Bluetooth Technology, Principles of GPS, QoS for Voice over IP, and Power Electronics.

Distance Learning Campus - www.computer.org/distancelearning

This is a free service for members of the IEEE Computer Society. Choose from 100 Web-based training courses that cover a variety of computing programs and subjects. Courses include Java, Cisco, Windows, Oracle, Unix, and Project Management.

Distance learning courses give you voiceovers, 3-D graphics, flash animations, on-screen text, and "visual sentences" that turn complex concepts into easy-to-understand images.

IEEE Virtual Communities -

www.ieeecommunities.org

Each Virtual Community consists of a group of individuals who have a shared purpose and a common interest. These Communities give you a forum to discuss vital issues in your technical area. For example: Security & Privacy, Engineering Education Collaborations, and Nanotechnology.

Employment

IEEE Job Site - jobs.ieee.org

IEEE Members can register and profile their ideal job, and jobs matching the profile can be viewed immediately or automatically sent via email. You can search the job listings by technical area, title and location, and find the next rung in your career ladder.

The IEEE Foundation

Have you ever heard of the "IEEE Foundation"? I hope that you have. Would you like to know more about the Foundation's mode of operation, its objectives and goals? Then please read on.

This is the first of a series of articles to tell you about the general tasks and goals of the IEEE Foundation, the technical fields which may be supported, as well as the application process in case you want to ask for financial support for one of your projects.

In December 2002 I was elected a Director of the Foundation and I am honored to serve in its Board for the next three years. One of my major responsibilities is to make members - particularly in our region - aware of the Foundation and to develop possible applications to provide support for important projects within Region 8. It is also one of my personal goals to find fellow volunteers who would like to cooperate with the IEEE Foundation to establish closer links between it and Region 8.

The IEEE Foundation was founded in 1973 as a non-profit organization and its



activities are supported by tax-exempt individual and corporate contributions in the form of gifts, grants or bequests. Although the IEEE Foundation and the IEEE are separate legal entities - each has its own Board of Directors - the Foundation will financially support IEEE activities which enhance electrical, electronics and computer engineering, computer science as well as related arts and sciences.

The Foundation is strongly devoted to the IEEE's goals, in particular it supports the IEEE Awards Program, the IEEE History Center, the many IEEE education programs and modern communication efforts as well as the contributions of electrical engineering to mankind.

The total assets of the IEEE Foundation are in the order of \$ 20 Millions and about \$ 1.6 Million was spent in 2002 by all Foundation Funds, collectively, on philanthropy. The directors of the Foundation Board serve in the Finance & Audit Committees, the Grants, the Development and the Projects Committees.

The Projects Review Committee, of which I am a member, oversees all projects receiving grants, reviews the related project reports and makes recommendations to the Board.

In my next article, I intend to write about the different Foundation programs. I will also report on some ongoing projects, where IEEE sections, chapters, student branches or other IEEE entities have successfully applied for support.

At present more than 40 projects are under review by the Projects Committee and I will give you an idea of typical project areas, which might be supportable by the Foundation. Later on, I will explain how to apply for Foundation project support.

If you would like particular information related to the Foundation right now, please feel free to contact me at r.remshardt@ieee.org or directly the Foundation foundation-office@ieee.org or www.ieee.org/organizations/foundation.html.

*Rolf Remshardt,
Director Foundation Board, Region 8 Vice
Chair Membership Activities
Phone : +49 7031 280504*

Candidates for Region 8 Director Elect 2004

Duncan C. Baker



Extensive experience on various IEEE committees has sensitised me to numerous issues which are unique to Regions 8, 9 and 10.

In our Region, for example, we find low-income, developing, and developed countries. In most cases a section refers to a specific country. The engineering profession, and specifically the IEEE, is uniquely placed to play a role in the social and economic development of these developing sections.

While agreeing that we must exploit the internet to improve delivery of publications as a means of cost reduction, this

should not be done to the detriment of many of our colleagues who are confronted by the ever-increasing digital divide. There are social and economic factors which make it difficult for them to avail themselves of electronic delivery services.

I also see the following as important goals:

- Enhanced presence of R8 members on the various IEEE Committees and Boards,
- Improved support from the Technical Activities Board and Societies for technical activities in R8,
- Recruitment and retention of student members,
- Encouragement and support for accreditation processes in R8,

- Encouraging IEEE staff in Piscataway and volunteers in R1-R7 to get to know the unique cultures and needs of R8, and
- Exploring ways and means for IEEE to provide members with opportunities for continued professional development.

If elected I will address these issues as urgent priorities.

Lastly, I encourage you to exercise your vote. The future of IEEE must be determined by the needs and wishes of its member base.

*Duncan C. Baker
Professor
University of Pretoria
Pretoria
South Africa.*

Baldomir Zajc



My extensive experience in the IEEE as Section Chairman and Region 8 Conference Coordinator has encouraged me to run for the candidacy of IEEE

Region 8 Director.

If elected, my goal will be to discover and to make available to members first-rate IEEE Services for their productive, rewarding careers. Besides excellent Technical Programs and Regional conferences (Eurocon, Melecon, Africon) I would also include integrated IEEE Services such as Continuing Education, Society Programs supported by IEEE Chapters, Standards Association, Student Activity and Membership Development.

I will encourage various projects

among Sections gathered together - those experienced and less experienced. Younger Sections will thus feel more comfortable and will quickly adopt the IEEE customs; experienced Sections will be offered new ideas. Such cooperative mechanisms will automatically include the Middle East and Africa Sections. Since these schemes will need strong support from IEEE Services, their application and effectiveness will be directly appreciated by members. Direct contacts will enable groups of members to better achieve their research projects.

Expanded Region 8 representation on IEEE boards; Awards for prominent engineers; and Globalization will be among my permanent concerns.

Summarizing my priorities:

- to raise issues concerning continuous development of services; delivery of essential products, publications, standards and education;
- to follow fast technological changes of environment using e-media, so that more opportunities should be available to more members on the web;
- to encourage projects between Sections, to apply for complex research projects which demand larger teams with multi-disciplined trained participants. We should develop an IEEE conference environment where people get acquainted, where industry and academia will be integrated.

*Baldomir Zajc
Professor
University of Ljubljana
Ljubljana, Slovenia*

REMINDER CALENDAR

Visit our Website

<http://www.ieee.org/r8> Click Conferences

(Editor's note: latest information on-line)

Section and Chapter News

IEEE Benelux Section

Eng Management Soc. Chapter

Feb. 3rd 2003,

TU Eindhoven.

There were many plans, but then again there were many other priorities that required attention. Whereas the original plan of the chapter management was to organize a meeting and the end of January 2003, the typical business pressures made us deviate from our original plan once again. Still we organized a session around the same time frame.

At the superb facilities of the TU Eindhoven the agenda contained the following topics:

- Report on the Chapter Chair Workshop 2002
- Selected Readouts from the IEMC-2002
- Planned Sessions 2003

Presentations by Robert Bierwolf and Bart Meijer. Summaries will be posted through the Benelux website.

Looking Ahead

The revised agenda for 2003 is now:

- October 6th 'Life Cycle Engineering' at the TU Eindhoven in cooperation with KIVI/BK
- December 8th 'Innovation and Startups' in cooperation with IEEE Computer Society at the TU Delft.

Please mark these dates in your diary.

Active Members

Members are invited to become part of the chapter management. Whereas due to the economic downturn business priorities may have changed, the need increases to network with your fellow practitioners.

All members are cordially invited to submit their suggestions and/or to step forward to become member of the chapter management team and help us organize interesting events for our members.

Address Details

All members are encouraged to enable their personal IEEE email alias. Too often email bounces while it would not be necessary if you used your email alias, e.g. `firstname.lastname@ieee.org`.

Contact Us

IEEE Benelux has its own website: www.ieee.nl <<http://www.ieee.nl>> and

www.ieee.be <<http://www.ieee.be>>. Of course you can also find us www.ieee.org <<http://www.ieee.org>> and look for region 8 or engineering management.

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Division IX Region8 Chapter Chairs

Region 8 is organizing a meeting in Barcelona, Spain, for Chairs of the Region 8 Chapters of all Division IX Societies (Signal Processing, AES, GRS, OE, UFFC, and VT Societies, on September 13, 2003, just before the IEEE International Conference on Image Processing (ICIP-2003), in Barcelona from September 14 - 17, 2003.

The Region 8 Committee and the Signal Processing Society are providing financial support for the meeting to cover the travel expenses of Chapter Chairs. Further information:

A. Enis Cetin, Bilkent University, Ankara, 06800, Turkey E-mail: cetin@ee.bilkent.edu.tr
Web: www.ee.bilkent.edu.tr/~cetin Tel: 90-312-2901477 (office) 90-312-2664307 (secretary)

IEEE France Section

T.P. Pearsall (email : pearsall@ieee.org) writes that the following lectures will be given at the headquarters of the FIEEC

Les Anciens de la Radio et de l'Electronique 17, rue Hamelin, 75016 Paris, Métro Iena

Telephone 01 45 85 37 40

Lecture time : 5 pm

Following each presentation, there will be a cocktail.

1. June 16th 2003

Dr. J.M. Colin, formerly Thalès
Technical Trades to Economize the
Frequency Spectrum

2. October 21st 2003

J.M. Peter, formerly ST

Microelectronics

Evolution of Power Electronics

3. November 18th 2003

To be announced

« Wind Power »

4. December 2nd 2003 at 6 pm

Award Ceremony for the Grands Prix de l'Electronique

IEEE Germany Section IEEE Joint IAS/PELS/IES

Infineon hosts Chapter Meeting

More than a hundred participants took part in the German joint IAS/PELS/IES chapter hosted in Regensburg facility of Infineon Technologies AG.

Researchers from Infineon contributed to the technical program: Dr. Miller presented a survey of developments in power semiconductors, trench IGBTs with fieldstop, high voltage compensation MOSFETs, low voltage MOSFETs with buried trench structures or silicon carbide (SiC) Schottky diodes.

Dr. Mittlehner from SiCED explained technological challenges to build controllable switches using this high bandgap material: These were complemented by an overview about microcontrollers by Dr. v. Wendorff.

Distinguished lecturer Dr. Phil Hower, IEEE Fellow, from Texas Instruments linked both subjects, deriving the safe operating area (SOA) of lateral DMOS transistors, which are widely used as output drivers of integrated circuits.



Dr. Mittlehner giving a lecture on SiC technology and devices.

Prof. Alan Jack from University of Newcastle upon Tyne explained another indispensable component -Iron powder used as magnetic material for chokes replacing laminations in permanent magnet machines or actuators. The material allows shape to magnetic parts, optimizing performance or manufacturability.

As a contrast to "state of the art engineering technology", a guided tour through the old city of Regensburg with its Celtic and Roman roots was offered. The subsequent reception in a historical building with view toward the Dome was a memorable experience for everyone.

Join Us

The meetings of German joint IAS/PELS/IES chapter take place on a regular basis three times a year. All members of IEEE are welcome.

International guests from Czech, Slovakian, Hungary, Romania, Slovenia, Croatia, Serbia and Montenegro, French and British chapters were present at Regensburg. Further, the attendance of members of European Center of Power Electronics (ECPE) and guests was highly appreciated. More detailed information about the Regensburg, previous and upcoming meetings can be found at www.ewh.ieee.org/r8/germany/ias-pels.

Dr.-Ing. Andreas Lindemann

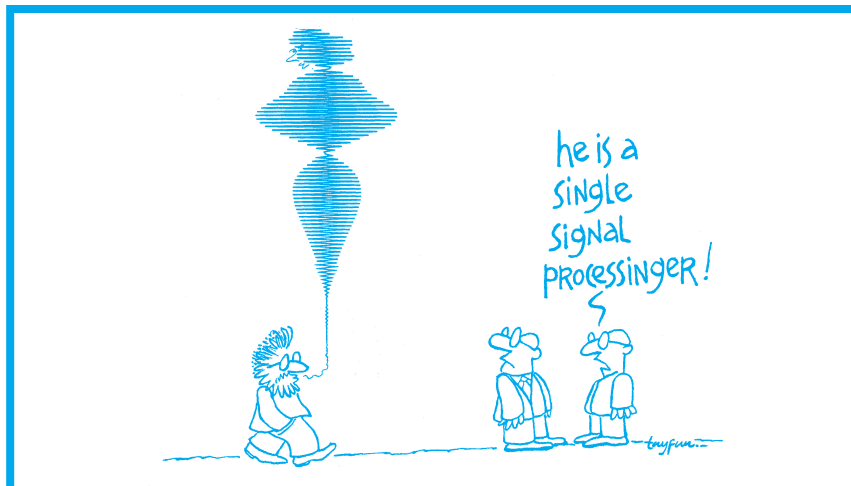
IEEE Greece Section CSS Chapter

The Control Systems Society of the Greek Section was established in 1992 and until 2002, was active principally in organizing international conferences in the field of Systems and Control – MEDCON.

With the election of a new Chairman in 2002, the Chapter took on a radically different approach putting life and excitement into the Chapter through local activities and spreading the objectives of the IEEE Control Systems Society and the Greek Chapter worldwide using the Internet as the medium.

Seeds for Membership Growth

A regular e-letter was established informing members of events as well as special items of common interest to the Greek Systems and Control community.



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More than 200 names of students and faculty at all technological institutions of higher learning in Greece as well as members of the Greek diaspora who are active in the field have been added.

It was very gratifying to note how many colleagues and students requested that their names be placed on the distribution list, with the direct result - enrollment of new members to IEEE and CSS. A forum was thus established through which the Greek Control Systems community could be informed and inform others of local activities and student branches.

Informatics Draws 150 to Halkis

The first CSS-GR Meeting in 2002 was hosted by the Automation Department at the Higher Technological Institute in Halkis in November 2002 with Industrial Control and Industrial Informatics as the main theme.

The student response was especially moving and the vitality of the occasion was unmistakable, gaining a momentum that the Members of CSS-GR are committed to maintain for the new generation of Control Engineers.

Undergrads enter the spotlight...

The second CSS-GR Meeting was held in March 2003 and was hosted by the Department of Electrical & Computer Engineering at the University of Patras. This meeting differed from the first in that the spotlight fell exclusively on undergraduate students. They presented results of their diploma, degree thesis or projects to their fellow stu-

dents and faculty specializing in Systems and Control. This was the first opportunity that these students ever had to meet, exchange ideas and compare their work.

Fifteen presentations were made and judged by a panel of faculty members. Prizes (monetary and textbooks) were awarded for the best presentations. More than 80 students and faculty members attended from throughout Greece.

Athens under Control

The third CSS-GR Meeting will be hosted at the National Technical University of Athens (EMP) in June, 2003. The Quest for Autonomy in Engineering Systems: Intelligent Control, Hybrid Systems and Networking by Professor Panos Antsaklis of the University of Notre Dame, USA who is an IEEE Distinguished Lecturer. The lecture will be video-conferenced to institutions in Greece and simultaneously webcast worldwide. We believe that this is the first time that a CSS Distinguished Lecture will be webcast.

A significant step forward was the CSS-GR website www.systems.tuc.gr/ieeecss, which is available to anyone. News of Current and Future Events in Greece and in Region 8; Job Opportunities in Greece and Cyprus; a Bibliography of Greek Books on Control Systems, Automation and Measurements, written by Greek authors in Greek and English;; as well as a Spotlight on special items and events.

Ancient's systems lead to today's Fusion

One goal of the website is to focus on Greek contributions from ancient times to the pre-

Section and Chapter News *continued*

sent to the field of Systems, Measurements and Control. Building it was a big effort, but it is already one of the better IEEE CSS sites worldwide. New material keeps it current and alive.

The Chairman's regular e-letter and the CSS-GR website make it easy for all who are interested and active in Systems and Control to discuss, compare, evaluate and exchange ideas and information about the state of the art in our country and in the world.

*Robert E. King
reking@ee.upatras.gr
Chairman IEEE CSS-GR
May 2003*

IEEE Poland & IEEE Ukraine Sections Lviv Polytechnic, Ukraine

The West Ukraine Joint Chapter hosted the IEEE Poland and Ukraine Section Meeting held at National University "Lviv Polytechnic" (NULP) on May 16, 2003.

Prof. Marian Kazmierkowski, IEEE Poland Section (PS) Chair explained that Poland Section started in 1972 with 60 members, and now has over 600 members. 14 Chapters are active -AES, AP, CAS, COM, Computer, CS, ED, IA, IE, LEO, MAG, MTT, PE, PEL, and RA IEEE Societies.

Prime activities are:

- Technical sponsoring of conferences, seminars and workshops:



Dr. O. Kamorska, Chapter Secretary,
Dr. M. Andriychuk, and Prof. M.
Kazmierkowski at the meeting coffee break.

logo Poland Section - IEEE for promotion, IEEE sponsored events are highly evaluated by Polish Scientific Committee (KBN).

- Newsletter PS-IEEE:
information from AdCom and Chapters (new events).
- Best M.Sc. – thesis competitions: on several EE faculties and level National, funds awards (500 USD) and diploma. The Section supports the following cooperation:
- Expanding contacts with IEEE Sections in neighbour countries (Ukraine, Lithuania, Bielarus, Slovakia, etc.):
organization common events and time schedule coordination.
- "Short courses" organization:
addressed to M.Sc./Ph.D. students and industrial designers,
use IEEE Distinguish Lecturer program,
- With Region 8.- Common proposal for projects financed by European Community FP VI.
- Exchange of student and researchers (Maria Curie Fellowship).

For more information about the IEEE PS, please visit Web Site: www.ee.pw.edu.pl/ieee.

On behalf of the PS representatives, Prof. Kazmierkowski thanked Prof. Petro Stakhiv, the Theoretical and Applied Electrotechnique Department Chair who worked hard to organize this Meeting introducing the NULP facilities for study and scientific work.

Dr. Mykhaylo I. Andriychuk, the West Ukraine Chapter Chair talked about recent Chapter activities. The short history, Chapter best practice, existing problems were also discussed. West Ukraine Chapter won the award "The IEEE Region 8 2001 Chapter of the Year" in the "Small and Middle Size Chapters" category.

Recently, WU Chapter activities: Members organized 4 educational courses. and 14 technical meetings first quarter of 2003.

The VIIth International Seminar/ Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED-2002) was organized together with the Republic of Georgia Chapter. Seminar was held on October 10-13, 2002, at the Tbilisi State University,

Tbilisi, Georgia.

The VIIth International Conference on the Experience of Designing and Application of CAD Systems in Microelectronics (CADSM-2003) was held on February 18-21, 2003 in Lviv-Slavsko, Ukraine.

The Young Speaker Awards for authors of the best presentations were given by the Chapter to Tomash Zacharz (University of Mining and Metallurgy, Cracow, Poland); Ivan Safonov (National University of Electronics, Kharkov, Ukraine); Bohdan Dunets and Pavlo Denysyuk (NULP, Lviv, Ukraine).

The social program included - the architectural sights of Lviv city tour, and to hear the fine singing of Polish folklore choir in the Lviv Scientist Hall. The decision to organize such events annually was taken at the Meeting closing dinner.

*Mykhaylo I. Andriychuk
West Ukraine Chapter Chair*

First Russia (North-West) New Section Takes Shape

This historical event took place on June 10 2003 at the majestic 18 century Shuvalov in presence of more than half of all 136 St. Petersburg active members. It was organized within the annual St. Petersburg High Technology Week under patronage of the City Government.

Warm and encouraging greetings from Prof. Alexander Gelman (IEEE Communication Society Vice-President) and Prof. Dmitry Puzankov (St. Petersburg Electrotechnical University Rector) created a good start for our meeting.

1. First Section Officers: Prof. Dmitry Puzankov (St. Petersburg Electrotechnical University) as Chair, Prof. Alexander Mikerov (from the same University) as the Vice-Chair, Prof. Alexander Korotkov (St. Petersburg Polytechnical University) as the Secretary and Dr. Yuriy Sepp (St. Petersburg Electrotechnical University) as the Treasurer.
2. Section Bylaws Draft approved and 15 member Section Executive Committee was formed.
3. Four IEEE Chapters were noted: ED/MTT/AP (Dr. Margarita Sitnikova), BT/CAS/COM (Dr. Dmitry Tkachenko), LEOS (Prof. Efim Portnoi) and



Prof. Dmitry Puzankov, Section Chair elected

AES/IE/C/EMC/PE (Prof. Alexander Mikerov).

New Chapters

At the suggestion of new IEEE volunteers four new separate Chapters were planned and signature collection started.

- CAS Chapter (Prof. Alexander Korotkov)
- PEL/IA Chapter (Prof. Valeriy Chrisanov)
- AES/SP/UFFC Chapter (Prof. Yuriy Filatov)
- C/EM Chapter (Prof. Vladimir Safonov).

Students were first!

The establishment in May 2003 of the first St. Petersburg Student Branch at Electrotechnical University (Chair: Eugene Pickulin, Councilor: Dr. Yuriy Sepp) was appreciated as the very important contribution of this University and its Rector Prof. Dmitry Puzankov in the development of the IEEE student activity in the area.

Hot Tech Talks

The Constituent Assembly was followed on June 10 – 11 by scientific sessions in English with 17 paper published in pre-conference Proceedings 2003 of St.



Alexander Gelman presentation

Petersburg Chapters (in English too). An exciting video and audio presentation was given by Prof. Alexander Gelman on the fabulous perspectives of a global communications development (which will change all our day-to-day life) and the important role of the IEEE in this process.

Appreciation

We are very grateful to the IEEE as a whole and especially to the Region 8 and its Director Prof. Anthony Davies for their long and persistent efforts devoted to creation of the new Section in our territory and the huge support in its formation.

Let us network the world together.

*Alexander Mikerov,
Russia (North-west) Section Interim Chair
Person
e-mail: a.mikerov@ieee.org*

IEEE UK&RI Section Engineering in Medicine & Biology Chapter

Dr. Chris James reports various activities in the first half of 2003:

- Thirty attended an event on 16 May 2003

“Assessment of the Active Cardiovascular System”: Chapter co-sponsored with the Institute of Physics and Engineering in Medicine. This one day meeting aimed to bring together disparate groups of Scientists, Engineers, Physiologists and Clinicians with an interest in dynamic cardiovascular behaviour and its measurement.

- One hundred people came to our chapter's co-sponsored event- the 4th Annual IEEE EMBS Special Topic Conference on Information Technology Applications in Biomedicine - ITAB 2003 (24-26 April, 2003) held at the International Convention Centre (ICC), Birmingham.

Participation at future events and cooperation with IEEE members in Region 8 and elsewhere is actively sought. Please contact Chris James c.j.james@ieee.org and visit the IEEE UK&RI EMBS chapter's website at <http://ewh.ieee.org/r8/ukri/embs/>.

UK&RI Section Signal Processing Chapter

“The signal processing chapter conducted series of seminars and various activities - one event per month around the year.

Our May seminar was given by Emmanuel Ifeakor, Professor of Signal Processing at Plymouth University, “Perceived speech quality analysis for Voice over IP networks”. Over 40 people attended at de Montfort University.

In June Marwan Al-akaidi chairman of UK&RI IEEE SP Chapter, spoke at Nottingham Trent University.- titled ‘Signal Processing is the great Enabler’, - 50 people attended.

The UK&RI SP Chapter committee will meet in de Montfort University in July and invite people to contribute and participate in our future Plans. Plans are being discussed to organise an advanced MSc course in signal processing and its application in wireless multimedia communications.

Please consult our website and email Marwan at: [mma@dmu.ac.uk](mailto:mmma@dmu.ac.uk).



**IEEE Russia (NW) Section Officers elected Alexander Mikerov, Vice Chair,
Alexander Korotkov, Secretary, Yuriy Sepp, Treasurer**

Iceland Greets IEEE Region 8



Iceland - Some Impressions

by Roland Saam, Editor

Iceland is an island of 100,000 sq.km. in the North Atlantic ocean just below the Arctic Circle.

It is positioned on a submarine mountain chain - the "Mid-Atlantic Ridge" separating the American from Eurasian plate of the Earth's skin.

So the West of Iceland is in North America and the East is in Europe!

The weather benefits from a warm ocean gulf stream, so the climate can be sunny and warm in summer, rainy, very windy, and then

in winter, very cold with hardly any daylight.

At the Region 8 meetings we met many Iceland IEEE members and students. We visited Telecommunications museum, Geothermal power plant, tourist sights including volcanoes, glaciers, and thermal baths! Highly recommended place to visit!

Icelanders depend upon communications, so the History of Electronic Communication is well represented and preserved in a former Radio station which was converted into a Telecommunications museum. Every step of development is

shown - early telegraphic cables, inland and under the ocean; Telegraphic station equipment - repeaters, relays; First telephone 1889; Telephone switches, exchanges, handsets; Communications from earliest radio long wave, short wave to microwave and satellite..

Iceland has a long history of Publishing - we visited a medieval "publishing" house where manuscripts were manufactured in 16th century (by hand, but using templates to maintain quality control) and exported. Today publishing remains a large export



R8 Student Rep Basak meets Iceland
SB Chair Kris

IEEE SB Iceland

Hi, my name is Kristmundur Gudmundsson and I'm the chairman of the University of Iceland Student Branch. I want to tell you about my experience of the R8 meeting in Iceland last June. First we; Sigurdur Gudjonsson SB Treasurer and I met with the Student Activities Committee (SAC) of Region 8 and we presented our activities. The SAC Committee gave us advice on what we can do in our student branch. I was surprised to see how open and relaxed everything was. Older (full) members were coming in and out of the room and gave us guidance. I honestly don't understand how these people have time to do all this, I mean these people are both doing their Ph.D. and teaching, but still they find time to do all the things they do for us.

The next day the actual meeting had started. What struck me was how complex and interesting Region 8 is. There were people from Kenya to Siberia. And of course these people had different views and opinions, but the cool thing about the meeting was that they really tried to come to an agreement and succeeded in most cases.

At last, I would like to ask all IEEE student branches to find out how they can be a more effective part of R8. I can surely say that our branch isn't the same after this weekend. So, Zagreb you're next!

Best regards.

*Kristmundur Gudmundsson chairman,
University of Iceland
IEEE Student Branch
kristmun@hi.is*

earner. Icelandic people are highly literate. Skills in Web publishing are taught at several universities, as are software engineering and all related disciplines.

Tied in with high literacy is a desire to preserve the language of Icelanders. This helps to preserve understanding of meaning rather than adopting foreign words. Thorvald Jonsson told us how Icelandic words are adapted to the modern requirements of engineering terminology.

Roland Saam, Editor

Icelandic Words:

Telephone = talsimi or simi (tal- = speech, simi = old icelandic word for thread (= thradur) (Related to seam)

Telegraph = ritsimi (rit- = write-)

Telegram = simskeyti (-skeyti = -message)

Submarine telecom cable = saesimi

(sae- = sea-)

Iceland Telecom Ltd. = Landssimi Islands

hf (Lands- = Country-)

Optical fiber = ljósleidari (ljós- = light-, -

leidari = -conductor

CHAPTER COORDINATION

Although IEEE membership number in Region 8 is going down, the formation of new chapters is still going very well. 13 chapters were established during the five months of this year. The table below provides the details of Region 8 new Chapters established in 2003.

1. NNS11	Finland	06 January 2003
2. SP01	Romania	06 January 2003
3. IM09	UKRI	22 April 2003
4. GRS29	C & S Italy	25 April 2003
5. NN11	Hungary	28 April 2003
6. NN11	UKRI	29 April 2003
7. NN11	Turkey	30 April 2003
8. IM09	Poland	13 May 2003
9. SP01	Poland	13 May 2003
10. C16	Nigeria	14 May 2003
11. GRS29	Germany	22 May 2003
12. RA24	Nigeria	22 May 2003
13. COM19	Nigeria	29 May 2003

We extend our best wishes for the successful operation of all these Chapters!

Chapter Coordinators Subcommittee (CCS) is concerned with coordination almost all Region 8 chapters' activities. Chapter Coordinators would like to be

aware of the main Chapter activities and their problems. I encourage all, especially enthusiastic organisers, who are going to establish new chapters to contact their coordinators with all questions and new ideas.

It became customary that Coordinators organise Chapter Chairs meetings in conjunction with important international events (at least once in 2 or 3 years). I have a pleasure to invite for the following meetings in 2003:

- Division IX Chapter Chairs Meeting on September 13, 2003, (Saturday) in Barcelona, Spain, in conjunction with 10th IEEE International Conference on Image Processing, ICIP 2003 (contact person Enis Cetin)
 - RCCC – Com Soc Regional Chapters Chairs Congress on September 22-23, 2003, in Rimini, Italy, in conjunction with 29th European Conference on Optical Communications, ECOC 2003 (contact person Adam Livne)
 - MTT and AP Chapter Chairs Meeting on October 8, 2003, (Wednesday) in Munich, Germany, in conjunction with European Microwave Week, EuMW 2003 (contact person Jozef Modelski)
- Most of the Chapters in Region 8 are

very active. For the feeling of competition and appreciation of their activities, CCS has established the Chapter of the Year Contest.

The winners for the year 2002 are:

- In the "Big Chapters" category - the Italy LEOS Chapter
- In the "Small and Middle Size Chapters" category - the Siberia Joint MTT/ED/CPMT/COM/SSC Chapter

Representatives of these Chapters were invited for the official award ceremony, which was held during the R8 Committee Meeting in Reykjavik (Iceland), June 27-29, 2003. Each Chapter received the plaque and financial prize of \$1,000 as a support for Chapter activities.

Next edition of the Chapter of the Year Contest (for year 2003) will be announced on November 2003. Information from two outstanding chapters is presented below.

Many Chapters' activities and initiatives deserve recognition. One of the most active Germany Joint IAS/PELS/IES Chapter successfully organises very interesting technical meetings.

Józef Modelski
May, 2003
CCS Chair

Region 8 "Chapter of the Year 2002" contest winners

Small and Middle Size Chapters – Winner

IEEE Siberia Joint ED/MTT/CPMT/COM/SSC Chapter

Originally, the Joint MTT/ED Chapter was organized in May 1996 under MTT-S and ED-S initiatives. One year later (June 1997) CPMT-S also supported it and in November 1997 we became MTT/ED/CPMT/COM/SSC by adding Communication and computer IEEE members. Our office is located at Siberian State University of Telecommunications and Information Science which this year celebrates its 50 year anniversary.

We grew larger every year in members and in activities-, in 1997 20 members, in 2003 exceeding 50.

In 2002 The Joint Chapter had an active



year. We helped organize the 6-th Int'l. Conf. on Actual Problems of Electronics Instrument Engineering APEIE' 2002 in September in Novosibirsk, Russia. Chapter members participated in a June 6 International Korean-Russian Symposium KORUS' 2002. We engaged in organization of the Regional Conference on Radio Engineering, Electronics

and Communications, in cooperation with a local branch of A.S. Popov Society in April. Our Joint Chapter was a co-sponsor of the 3-rd Siberian Russian Workshop and Tutorial on Electron Devices and Materials EDM' 2002 in July. Two volumes of proceedings have been published. Continuing involvement at regional and international conferences promotes the growth of professional skills of our members, and attracts new members to IEEE.

In September 2002 at the SibFair SibSvyaz-2002 we had IEEE presentation of scientific, educational and publishing resources.

Novosibirsk Student Branch works very well. It includes 20 students who participate in all student conferences. In March 2002 they attended Int'l Conf. of Student and Young Specialists SibEDM-2002 in Tomsk, Russia. Some students participated in prob-

lem discussions in the 3-rd Siberian Russian Workshop and Tutorial EDM ' 2002. The IEEE Student Branch Members organize regular meetings including social events, English Technical Courses, and participate in student creative and sports meetings.

In 2003 we continue our activity in different directions. Since beginning 2003, five seminars were organized by IEEE members. Subjects are connected with learning new telecommunication technologies and with organization of engineering specialization distance learning at some universities.

We now organize the Int'l. Conf. on Problems of Telecommunications and Information Science and the 4-th Siberian Russian Workshop and Tutorial on Electron Devices and Materials EDM ' 2003. To engage new Chapter members, we publicise among students, and among employees of various regional communication firms.

We are proud that our IEEE Joint Novosibirsk ED/MTT/CPMT/COM/SSC Chapter won the Small and Middle Chapter Award for 2002.

Please visit our WEB page <http://www.neic.nsk.su/~ieee/>

*Viatcheslav Shuvalov,
Professor,*

*A Chair of the IEEE Joint Novosibirsk
ED/MTT/CPMT/COM/SSC Chapter*

Winner in the "Big Chapters" category IEEE Italy LEOS Chapter -

The Chapter was formed in 1997. Membership increased from 87 members, to 105 in 1999, and topping up to 210 in 2002. The Chapter includes the North Italy Section and the Central and South Italy Section.

Our program is shaped by the Officers and approved by Chapter Executive Committee each year.

Lecture Program

LEOS Distinguished Lecturers plus others from University, Research Centers and Companies (see <http://leos.unipv.it/Leconf2002.html>) increased from 9 in 1998 to 14 in 2002. Most are given at University of Pavia. They boost regular lessons and are much appreciated by post-graduate students and PhDs.

1-day workshops

- organized with a rotation of venues in our territory with cooperation of local members. They are usually run in Italian as language of the meeting and speakers are by invitation only.

Conferences

- demand the most effort, yet put a feather in the Chapter's cap..

Because of their personal scientific interest in 1997, Tiziana Tambosso (Chapter Chair) and Silvano Donati (Chapter Treasurer) devised and organized the 2-day Workshop on Fiber Optics Passive Components, or WFOPC. (see a resume' in 'LEOS Newsletter', August 2000, p.9) Surplus from the two conferences 1998 & 2000 brought some \$12,000 into the Chapter, freeing it from the worries that an organizer always faces when planning a new Conference.

WFOPC had ultimately to move away from Pavia. We thus decided to pass WFOPC to another LEOS Chapter, with the farewell that it may grow further. Careful hands have received it, as the Scottish Chapter has run 2002 edition. Now it is an official LEOS international meeting. For the hard work of the officers and members, this was the most rewarding thing to happen.

Next WFOPC is tentatively scheduled for June 2005, in beautiful Monreale, near Palermo (Italy).

Another scientific topic which is cultivated by the Optoelectronics Group in Pavia is interferometry. Our Chapter was asked to take care of ODIMAP II, held in Pavia, 1999. and III in 2001.

Website = Prize-site

From the Chapter's own website (<http://leos.unipv.it>) you can download presentations and obtain information, especially on the annual \$500 Prize to the 'Best Doctoral Thesis in Optoelectronics'.

"LEOS Corner" at UniPavia

In a room made available at the Department of Electronics, the Chapter has settled a LEOS corner, which also serves the IEEE Student Branch formed in 2000. Students can read LEOS publications and watch a collection of videotapes and CDs on optoelectronics.

*Tiziana Tambosso
tiziana.tambosso@telecomitalia.it*

see our LEOS website: <http://leos.unipv.it>



**IEEE Women
in Engineering**
— www.ieee.org/women

Visit the Women in Engineering website
www.ieee.org/women
- New WIE PhotoContest
- Search Women at www.ieee-virtual-museum.org

Photo Quiz

May Quiz – Two Winners!

One hundred members entered the May Photo Contest! A record!. All of the entries were submitted to the contest jury - identified only by a number.

The choice of a winner was difficult - many identified the bread toaster and answered the tie breaker questions.

The Judges (historians at the Smithsonian Institute) decided on two winners with complete answers including references.

The Winners are:

Sylvie Boldo from LIP - ENS Lyon, France; and **Amish Chana**, a network design engineer working in Bristol, UK. At publication date, I had no details from Sylvie, so that will be published next issue.

Amish writes: "I recently graduated with a PhD degree in Electronic Engineering from the University of Natal (Durban, South Africa). I worked for Vodacom and now work for Orange UK. My areas of expertise include; signalling protocols, IP technologies in mobile networks, and the design, per-



Amish Chana

formance analysis and optimisation of mobile networks. I've been a IEEE member for 6 years, and I have found IEEE publications to be an excellent source of research information."

Thank you to everyone who entered.

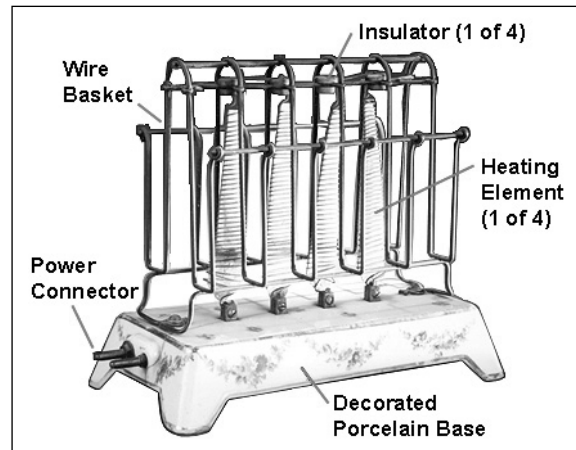
Roland Saam, Editor

Answer to the May Photo Quiz

The photograph shown is that of an electric bread toaster -Model D-12 - manufactured by General Electric.

General Electric's website [1] claims it first went to market in 1905.

However, other sources on the Internet contradict this date [2-4]. They indicate that Albert Marsh applied for a patent in March 1905 for Nichrome, which was later to be used as the heating element in toasters and other electrical heating appliances. Frank Shailor of



General Electric patented the D-12 in 1909, and therefore it couldn't have been manufactured in 1905 as stated by General Electric's website. The D-12 was made in 1910.

Sources:

- [1] http://www.ge.com/en/commitment/innovation/html/decade_1900.html
- [2] <http://www.toaster.org/1900.html>
- [2] <http://www.toaster.org/patent.html>
- [4] http://www.central-services.de/toaster-museum/scripts/exhibition/items/597_01.html

NEW Photo-Quiz September 2003

Around 1930 a construction like this one appeared in the central square of Reykjavik, capital city of Iceland. It stands about two and one half metres high and is built from wood and steel.

Q1. What does the sign "Simi" on the top of the kiosk mean?

Q2. What was inside?

All entries will be considered. Judges look for answers which tell something about the technology or commercial principles involved, and the unique event/development which made the device possible.

The Winner will receive an IEEE Milestone 02 SWATCH courtesy of IEEE Swiss Section. Send your entry to the editor by 10th October 2003 by email marked "September PHOTO CONTEST" in the subject line - or by post -see page 2 for address.



Conferences & Call for Papers

ICIT'03

IEEE International Conference on Industrial Technology

December 10 - 12, 2003

Maribor, Slovenia.

The purpose of the conference is to provide a forum for presentation and discussion of emerging technology in the industrial electronics.

1. Computational Intelligence,
2. Mechatronics,
3. Signal Processing and System Control,
4. Industrial Information Technology,
5. Power Electronics,
6. Teleoperation,
7. Embedded Systems.

Co-sponsored by IEEE Industrial Electronics Society and University of Maribor.

additional information karel.jezernik@uni-mb.si

<http://www.ro.feri.uni-mb.si/ICIT03/>

tel: +386-2-220-7300

Microwave and Radar Week in Poland: 15th International Conference on Microwaves, Radar and Wireless Communications

MIKON-2004,

5th International Radar Symposium IRS-2004

Electromagnetics Fields and Materials

EMFM-2004

May 17-21, 2004

Warszawa, Poland

IEEE Sponsor: AES, AP and MTT Societies, Poland Section
AP/AES/MTT and ED Chapters

Website: <http://www.pit.edu.pl/MIKON-2004>

e-mail: godlewska@pit.edu.pl

7th International Workshop

Finite Elements for Microwave Engineering Antennas, Circuits and Devices

May 20-21, 2004,

Madrid, Spain

Escuela Técnica Superior de Ingenieros de Telecomunicación
Universidad Politécnica de Madrid),

IEEE Spain Section

<http://www.fem2004.etsit.upm.es>

To obtain information about the Workshop E-mail

to m.salazar-palma@ieee.org or jzapata@etc.upm.es.

For information about the conference visit

<http://www.fem2004.etsit.upm.es>

IEEE History Centre

One hundred years of Electronics : The Centennial of the Fleming Diode

UK, London and Bletchley Park

28 June- 4 July 2004

Electronics—may be dated to 1904, when John Ambrose Fleming, professor at University College in London, used the Edison effect to rectify a wireless signal so that it could be indicated on a galvanometer.

From 28 -30 June 2004 the IEEE History Center will hold a conference at Bletchley Park, "Themes and Transitions in the History of Electronics". Two others follow at UCL London (30 June to 2 July) and IEE History of Technology PN (2 July to 4 July)

Contact F Nebeker

IEEE History Center,

f.nebeker@ieee.org

PSP 2004

Bled, Slovenia

September 29 – October 1, 2004

14th International Conference on Power System Protection is organized by University of Ljubljana

Faculty of Electrical Engineering and co-organized by Slovenian IEEE Section.

Protective relaying and its integration into local control and automation concepts – including research results and practical applications.

<http://www.psp-conference.org/>

Dr. Gregor Verbic

Faculty of Electrical Engineering

Trzaska 25

SI-1000 Ljubljana

AFRICON 2004 Advance Call For Papers

15 - 17 September 2004 Gabarones, Botswana <https://eerc.up.ac.za/~ieee/index.php>

At it's June meeting the Region 8 Committee announced plans for the "Region8 AFRICON 2004" to be held at the Capital of Botswana, in the Gabarones Grand Hotel and Conference Centre. Mark your calendar 15-17 September 2004, for Africa's IEEE event of the year.

Themes and Topics

AFRICON '04 presents a forum for Electrical, Electronic and IT research activities in Africa. The annual local IEEE and SAICSIT conferences will be included.

Aerospace and Electronic Systems

- Communications and Signal Processing
- Components
- Computer Science

- Computer Systems
- Control
- Education and Technology
- Energy and Power Systems
- Engineering Management
- High Frequency Techniques and Antennas
- Information Systems
- Power Electronics and Drives

Call for Papers

Prospective authors should submit a 300 word abstract by e-mail or fax, to Prof. Albert Helberg – Africon'04, not later than Wednesday 21 January 2004.

Industry sponsorship and marketing

Companies in the above fields that are interested in sponsoring the conference or marketing their products at the conference are

requested to contact Prof. Gerhard Hancke (gerhard.hancke@eng.up.ac.za) or Prof. Albert Helberg (eeilec@puknet.ac.za).

Student Representative: Basak Yuksel (basak@ieee.org) Send news to e-mail address: R8StudentNews@ieee.org
Website: <http://www.ieee.org/r8sac>

Hi!

Hello all,

I am happy to see the contributions to Region 8 Student News pages from most of the student branches. It's easy to learn what other student branches are doing and also it helps other branches to initiate new ideas.

I took part in the Egyptian Student Branch Congress which was held in Cairo. It really helped me to understand the problems of those SBs and also learn new ideas from their activities. So I want to share with you my ideas about local student branch congresses.

I feel that it is important to have contact with other student branches and IEEE. It's the thing that makes IEEE a global family.

The first step to realise this idea is to construct a communication network between your local student branches, and second step is to enlarge it to Region8.

\$\$\$ for SB Congress

The most efficient way of realising the first step is organising local student branch congress in your section to share problems, experiences, and news... This step will increase the interaction between Student Branches and your local section. It will give student members an additional view of IEEE and its many activities and benefits. It will improve student cooperation and increase young member participation in section activities.

Region8 offers financial help to organize Student Branch Congresses, where the amount of the grant depends on the activity. To sum up, organising national events is really important and then, second step is to participate in Regional Student Branch Congress which is done by R8 SAC in different countries every second year.

Pulling Together with EESTEC

Another way of enlarging your view and exchanging ideas is to organise joint activities and exchange programs with different student branches in R8 and also other regions. To initiate this idea, we have entered into an agreement on joint activities and coordination of technical meetings with the members of the Electrical Engineering Students European Association (EESTEC) to encourage the exchange and dissemination of technical information, and to promote understanding and cooperation between the members of EESTEC and IEEE. In other words, we have an agreement for cooperation with EESTEC mainly to organise joint activities and exchange programs. To initiate this cooperation, I took part in the EESTEC Congress in Cosenza, Italy representing R8 Student Activities Committee. It is an annual meeting organised by the local committees of EESTEC. In this issue, you can find an article introducing EESTEC team and some ideas of cooperation.

Web Winners & SB Congresses

When I looked to last three months, I can see that it was very active days for most of the student branches. 26 student branches took part in the Web Site Contest. I congratulate the R8 Web Site Contest Winners.



Ain Shams University IEEE SB organised the annual Egyptian Student Branch Congress; Eindhoven IEEE SB Symposium on 'Revolutionary Displays' was a success; 2nd IEEE Malta SB SPAC was held, University of Pretoria IEEE SB hosted a local web-site contest.

Also, in this issue, we have news from Student Branches of Biysk Technological Institute, Jordan University of Science and Technology, Middle East Technical University, University of Zaragoza and American University of Beirut.

I want to finalise my words by an announcement. Beginning from the next issue, we will have "Deadlines and Upcoming Events" section in our News. I believe that you are familiar with this feature from last year's R8 Student News. If you want your local student branch activity listed in that section, just send me an e-mail.

If you have any questions and suggestions, you're welcome to ask me :)

Greetings from Turkey!
Basak

A Message from R8 SAC Chair

Hello R8 Students! In my past message I asked for feedback and I want to thank those of you who sent very interesting ideas, comments and even sponsorship opportunities. Please continue doing so, whenever an idea crosses your mind.

I am happy to reply with a full set of opportunities for all R8 Students, and also with special and new opportunities for Student Branches.

This time I will go a little bit further and ask not only for feedback but also for volunteers. Many of you already know that the best way of getting the most from your IEEE membership is to become an IEEE volunteer. We definitely feel the same way! If this is how you feel, first of all thanks, secondly, you are not going to regret it, third, this is where you have to look at: www.ewh.ieee.org/r8sac

Enjoy these news pages!
Pilar
pimolina@ieee.org



Important For All R8 Students

There are old and new things you may need to think about or find out more, in order to get the most out of your IEEE membership:

- We are proud to launch the new R8 Student Forum. A virtual community open to more or less 11,000 souls from R8, young people like you, sharing ideas, chatting, making new friends, discussing technical and not-so-technical aspects of engineering, sharing your views about what it means to be an engineer in your country. In a word: NETWORKING. This is what we are here for, aren't we? See the advertisement in these pages: (<https://www.ieeecommunities.org>)
- If you are presenting a paper in an IEEE congress or even you are attending an IEEE conference in R8 then you have to find out about the Voucher Program. You would be able to get a USD\$30.

discount for your next year's IEEE Student Membership just for going there, take a look at the conditions in the web page.

- We would be launching soon the 1/engineer R8 contests. If you can also compose, or write or paint, you could now also win prizes. Check the web site for more information.
- R8 Student Paper Contest 2004 deadline is approaching (15th of December 2003). Remember to participate.
- Take your time to browse through the awards and scholarships web sites. Your lucky day might be just around the corner: www.ieee.org/scholarships

Important Opportunities for R8 Student Branches

If you are a member of a Student Branch and participate in the activities, this should interest you. Perhaps crucial!!

- R8 SAC committee are using the sb-r08@ieee.org e-mail list to communicate with you. We know that you do not always receive this information because your branch is not subscribed or because the address is not updated. We are sending a lot of information through that list and we plan to increase the data flow. Please check that your Branch is getting that information and if not write an e-mail to Barbara Koenig b.koenig@ieee.org to subscribe. There is more information about this on the web page.
- R8 offers financial help to organize technical and not-so-technical Student Branch Congresses and Activities. The amount of the grant depends on the activity. It would only cover one part. But it helps. So tell us and we would see what we can do.
- Check the ongoing programs for Student Branches at the web page. For example the Student-Branch-Get-a-Student-Branch is an interesting opportunity to help to start new branches in your Section and get USD\$200. for your branch.
- Nominate your Counsellor if you consider he/she is worth winning the Outstanding Branch Counsellor Award of the year.
- Select a new Counsellor if the current one is not on line. You might do this just by directly appointing a new one. Check the rules at the Student Concourse IEEE web.

R8 Web Contest Winners Are...

First place: American University of Beirut (Lebanon)

<http://www.aub.edu.lb/fea/ieee>

Second place: Hacettepe University (Turkey)

<http://yunus.hacettepe.edu.tr/~sbieee>

Third place: Twente Univ. of Technology (Netherlands)

<http://www.ieee.utwente.nl/>

Congratulations to the three of them and many thanks to the 26 contestants. The overall quality of the sites are very high.

R8 Director Tony Davies writes...

"I am pleased to be able to tell you that I attended the Eindhoven IEEE Student Branch Symposium on 'Revolutionary Displays' on 8th April, 2003 and presented two plaques to the following awardees: to Marco Domenicus for the RAB Larry K. Wilson Student 2001 Award and to Engy Mohamed Samir Foda for the 2002 RAB Leadership Award "For exemplary efforts in organizing successful 2002 IEEE Region 8 Student Branch and GOLD Congresses"

Overall I think that the Eindhoven SB Symposium was an extremely well organised and successful event - the speakers were of a very high

standard, with interesting demonstrations who gave a very impressive view of the new technologies which will continue to revolutionise the visual outputs from computers and digital TV.

Both Engy and Marco were obviously very happy to receive their awards. To the right is a photo of Engy with her plaque.

Tony Davies,

Region 8 Director



Egyptian Student Branch Congress (ESBM 2003)

Egyptian Student Branches annually organise Student Branch Congress which is done by different student branch each year with the help of Egyptian GOLD Section.

Between 13-15 March 2003, 4th Student Branch Congress was organised in Cairo which was hosted by Ain Shams University Student Branch. I am really happy to have participated in this congress. I had a chance to meet with Egyptian students and share ideas and problems. The main aim of this congress is to increase the communication between Egyptian Student Branches. The program included the Leadership Training Program, company presentations, technical seminars and cultural activities.

Basak Yuksel

IEEE Region8 Student Representative

2nd IEEE Malta SB SPAC

Fostering the Engineering Technologies and Career Opportunities over the Maltese Islands were the key issues of our 2nd IEEE Malta Student Branch Student Professional Awareness Conference. This day conference was held on the 12th of March and was targeted to all the students attending the four-year engineering degree course at the Faculty of Engineering (FOE) at the University of Malta.

The conference started off with a short address from the Student Branch's (SB) Chair, outlining the activities the Branch has conducted during these last one and a half years since it has been officially recognised as one of the IEEE Student Branches. Following that was a short speech from the Branch Counselor, Dr. S. Fabri, mainly indicating the benefits students attain when they are IEEE members. Finally the Dean (FOE), Prof. M. Grech gave a brief overview about the Faculty of Engineering and also the current research work being conducted.

The Branch tried to vary the topics covered during this day conference as much as possible so as to tackle different fields from the vast engineering spectrum. We invited guest speakers both from the industry and also from academia.

A representative of the Chamber of Engineers (Malta), Ing. C. Camilleri discussed the function of the Chamber of Engineers, the local recognised organisation representing the profession, and also explained the Engineering Warrant. Ing. R. Vella and Ing. J. Pace, talked about Power Generation and Distribution.



First from left:-Keith Chetcuti, Claire M Seguna, Ian J Attard, Dr. N. Kissaun, Marc A. Azzopardi, Dr. S. Fabri, Dr. M.A. Saliba.

Mr. M. Refalo, on behalf of the Malta Council for Science and Technology discussed research possibilities under the 6th Framework Program.

Manufacturing Processes and Designing for Cleaner Technologies was covered by Dr. N. Kissaun from ST Microelectronics (Malta) and Mobile Telephony by Ing. M. Zammit from GoMobile, one of the local mobile phone service providers.

Dr. D. Zammit-Mangion and Dr. M.A. Saliba, lecturers at the FOE told us How to get the job, starting from placing the application up to attending the interview, and how one can Improve Public Speaking skills.

At the end of their session all the speakers were presented with a gift pack offered by Chemimart and a commemoration plaque on behalf of the Student Branch.

The conference was concluded with a short message from Keith Chetcuti, (Malta IEEE SB ViceChair) and with the prize draw of a GoMobile gift pack consisting of a mobile phone and a ready-to-go pack.

We would like to take the opportunity to thank our Branch Counselor, the Dean and all the staff of the faculty who assisted us in holding this event. We are also very grateful to this year's sponsors namely GoMobile, Chemimart, Photocity, General Soft-Drinks, Consolidated Biscuits and the FOE. A special thanks goes also to the rest of the SB committee Ian J. Attard, Marc A. Azzopardi, James Borg Bartolo and Keith Chetcuti for all the effort in having a successful conference.

We have had a very positive feedback both from the speakers, one in particular stating that it was very professionally organised, and also from the students themselves saying that the topics covered have been of extreme interest and that they have learnt a lot too. Such positive comments tend to increase the committee's motivation for other future activities. We must say that we're extremely satisfied with the outcome of this year's conference.

Claire M. Seguna
IEEE Malta SB Chair

<http://www.eng.um.edu.mt/~ieeesb>

First IEEE Region 8 Student Branch Chess Tournament! Challenge for Knights of Chess

IEEE Region 8 SAC and BTI (Biysk, Altay region, Russia) IEEE Student Branch

If you like chess, if you like to communicate, if you like to fight a duel - then participate in the new Chess Tournament!

The full rules of the tournament are

<http://ewh.ieee.org/reg/8/sac/art/chess.html> (official site of IEEE Region 8 SAC) and at <http://ewh.ieee.org/sb/bti/chess.html> (official site of IEEE Student Branch at BTI).

Please submit an application form which you will find at

<http://ewh.ieee.org/reg/8/sac/art/formapp.html> or at

<http://ewh.ieee.org/sb/bti/formapp.html> for participation in tournament.

The form of the application may be sent by E-Mail to chess.reg8@ieee.org or by a fax to (+7) 3854 340402.

Prizes: There will be a prize for the winning team from Region 8 SAC:

Each member of the winner team will get a Membership voucher for \$25 valid only for 2004 IEEE student membership renewal.

The winning team's counsellor will receive an IEEE Milestone SWATCH courtesy of the IEEE Swiss Section.

On top of this - Region 8 SAC will give \$100 to every SB that is willing to organize a contests.

DEADLINES

Deadline for submission application forms

October 1, 2003

Start of tournament

October 5, 2003

Good luck in Chess Tournament!

Thank you.

Eugene V. Sypin,

IEEE Student Branch Counselor.

E-mail: eugene.sypin@ieee.org

<http://miscoi.narod.ru>



2003 IEEE Student Branch Web-Site Contest, University of Pretoria, South Africa

The IEEE Student Branch (SB) at the University of Pretoria recently hosted a local web-site contest. The contest was extended to all students eligible for IEEE membership at the University. This extension has positively served to increase IEEE awareness and membership drive at the University. A total of six entries were received. Adjudicators for the contest were appointed from both academia as well as from the IT industry.

The branch would like to congratulate the winner of the contest: Thomas Hochstetter, a student from B.IS Multimedia, University of Pretoria. Thomas receives an award of R1500, a certificate from the IEEE, and a free student membership (for one year) of the IEEE (worth US \$25). The prize was presented by Prof. Gerhard Hancke to Thomas during the Department of Electrical, Electronic and Computer Engineering prize giving ceremony held on the 24th of April.

The IEEE Student Branch has further entered Thomas' designed website into the Region 8 (Europe, Africa, Middle-east and part of Asia) Student Branch web-site contest. This is the Branches' first attempt into this contest, and the Branch hopes for the best!

The local contest coordinator, Saurabh Sinha would like to thank all those that assisted in making the contest a success, in particular: Jonathan Page (IEEE SB Chairman), Francois ten Krooden (EERC Server Administrator), Prof. Gerhard Hancke (IEEE SB Counsellor), Pilar Molina Gauda (IEEE Region 8 Student Activities Chairlady), the judges, the participants, and most importantly Region 8 for sponsoring the prize money.

BTI IEEE Student Branch Biysk, Russia First Anniversary!

The IEEE Student Branch at BTI (Biysk Technological Institute) celebrated first anniversary at 6th of May.

The IEEE Student Branch at BTI gives the big attention to informal dialogue of the members. Besides joint participation in various conferences, seminars, exhibitions and other technical meetings, branch officers organize informal meetings, debates and joint playing sports.

In February, the combined team of our Student Branch took part in the championship of institute on football. From 22 teams of participants, our team has come in the eight of the strongest, having lost in a quarter-final to the future champion.

In March - April team championship of our Student Branch on chess was arranged. Two combined teams competed. The results of competition – we won all. We are now organizing a Region 8 Chess Challenge for Student Branch teams – see announcement in this issue of Region 8 Student News.

The latest plans of our student branch include: - participation in Siberian Russian Workshops and Tutorials on Electron Devices and Materials – EDM'2003 and in the international exhibition of scientific and technical projects ESI 2003 at Moscow.

Best Regards,

Eugene Sypin

eugene.syipin@ieee.org

<http://www.ewh.ieee.org/sb/bti/>

METU Student Branch News Ankara, Turkey

Hello from IEEE METU Student Branch, Türkiye. Spring Term was full of Activities:

- **Electrical & Electronics Engineering Project Fair** (16 June): METU Electrical - Electronics Engineering Students have to prepare a project in their seventh and eight semester in order to graduate from our university. They found virtual companies for their team with 5 members. For more information, follow these links : <http://www.eee.metu.edu.tr/~design/contents.htm> <http://www.eepf.ieee.metu.edu.tr>
- **HTML and Photoshop Seminars** for 5 days (28 April- 2 May): A series of seminars about how to design a web page by html (3 days) and photoshop (2 days) to the attenders.
- **Option Seminar Series** (6-15 May): METU Electrical and Electronics Engineering students have to take courses from at least one option that was determined by the chairman. These options were introduced to the students by the instructors

- **Linux Education Seminar Series** (26-28 May): It consists of three seminars about PostgreSQL, Software development on Linux and Social politics of Free Software.
- Our magazine **Biltek special issue** for our organization (BTIE – 21-23 May) has emerged. Its new design, format and style are appreciated by the readers of Biltek. Also, with its interesting subjects and articles, our magazine will be more powerful, but still free for everyone.
- **IT Project Bazaar** (25-26 March): IT Firms, academicians, university students meet in this organization. Project owners have the opportunity to make presentations to attract technical and financial support.
- **Engineers Party** (15 March): It was really a magnificent night. People joining the party had not seen such a night before.
- **BTIE** (21-23 May): Education by The Information Technologies Fair Conference and Seminars was organized. The firms related to the issue and also some schools using technologies demonstrate their products in the fair. The seminars presented by the masters were also informative. **Nearly 5000 people visited the fair.** More information from the web page: www.btie.org.tr
- **Bowling Tournament** (17 April): Social Activities Committee organised a bowling tournament. 40 students attended.
- IEEE METU SB attended the **WIN'03 World of Industry Fair** in Istanbul between 29th of February and 2nd of March with 3 other METU Student Clubs. It is really important for us to be invited to Turkey's biggest industrial fair. We have the opportunity to improve our engineering vision and make crucial contacts with company representatives.



Middle East Technical University IEEE Student Branch

- **Technical Trip** (25 April): IEEE METU organized a trip to the production unit of the company, Procter & Gamble. As the students observed the production steps, they had chances to meet with the workers. For more information: www.ieee.metu.edu.tr

Leadership Training Seminar and a Volunteer Recruitment IEEE Student Branch Zaragoza, Spain

The current Board of Directors of IEEE SB at the Universidad de Zaragoza (Spain), is the founding team of the branch and it decided that it's time to renew the positions. For this reason the Branch organized a Leadership Training Seminar and a Volunteer Recruitment activity in order to look for suitable candidates for renewing the Board and also to recruit new active members willing to volunteer for the branch.

The group, formed by the Chair, the Vice-chair and other 20 members and not-yet members, spent a weekend in a small town in the mountains. The main goal: to increase strongly the comradeship between us. Twenty hours were used to explain organization of the IEEE and what type of activities could be done within the branch; all that in a propitious atmosphere for coexistence, surrounded by forests, in the middle of the Aragonés Pyrenees (north of Spain).

The experience can be considered very positive for three reasons: First, people were very interested and motivated finding out that they were able to participate contributing with new ideas, second, because it guarantees the continuity of the

Branch as well as the accomplishment of events that could not be carried out before, and last but not least, because all the previous works and experiences can be reused since the former Board members will not break ties completely with the Branch.

Jorge Salvador
jorge_salvador@ieee.org
 Vicechair IEEE SB
 Universidad de Zaragoza
www.cps.unizar.es/neocom

IEEE Student Branch at JUST Jordan

On Thursday 20th of March, Jordan University of Science and Technology (JUST) IEEE Student Branch held its first IEEE OPEN DAY.

During this event speakers from several well known companies in the region were invited to give lectures. Companies were from the communication, and computer technology industry. It included seven lectures and an award ceremony.

Lectures ranged from specialized technical subjects, to training, and job openings which interested students. An award ceremony for the companies which financially support student activities at our student branch. Another award was presented to the previous department chair that helped strengthen our branch.

There was good attendance from faculty, staff and student members which helped to make the event a success. Students attending this event are from the departments of Electrical Engineering, Computer Engineering & Computer Science & IT.

American University of Beirut Student Branch News Beirut, Lebanon

The IEEE Student Branch at the American University of Beirut (AUB) was founded in 1997, and is currently composed of about 260 student members from various undergraduate and graduate majors.

This year we won first place in the region 8 IEEE website competition (<http://www.aub.edu.lb/fea/ieee>) and we are representing our region in the global competition in which we hope to achieve similar results.

We undertook several technical and non-technical activities throughout the year. We gave various free crash courses for students such as: HTML, ASP, and Flash...

We also organized the 5th Annual Seminar Week on Technopreneurship: Lebanese Entrepreneurs in Technology. Throughout the week, we welcomed Lebanese entrepreneurs from the leading companies in the fields of Software, Electrical Engineering and Biomedical, to give us technical presentations about their products and convey to us their experience in setting up their venture in Lebanon. Our guest of honor and speaker at the opening ceremony was the Lebanese Minister of Industry, who talked about the various initiatives taken by his ministry to encourage innovation and encourage the creation of High-Tech companies.

We also aimed in cultivating international relations this year. In this regard, we were honored by the visit of Professor Joachim Hagenauer, recipient of the Alexander Graham Bell Medal 2003. Prof. Hagenauer presented "Turbo Principle in Mobile Communication" and met with various AUB professors.



Zaragoza Spain IEEE Student Branch



American University of Beirut

Finally, not all of our activities were of a technical nature. We planned in coordination with other clubs in AUB an On-Campus Rally paper in which students had to go for treasure hunts on campus, solve logic riddles and get the chance of winning valuable prizes.



Cosenza, Calabria, Italy
IEEE Student Branch Cosenza.
IEEE – EESTEC : “first contact!”
9th April 2003

What's EESTEC?

The Electrical Engineering Students' European association is an organization of and for electrical engineering students from universities, institutes or schools of technology in Europe which award an engineering degree.

Currently there are 28 Local Committees (LC) participating in 19 countries.

The primary aims of EESTEC are exchanging of ideas and technical know-how between students, fostering collaboration and knowledge transfer in international surrounding, developing international contacts in order to create a globally connected student community.

EESTEC LC's organises activities such as workshops, exchanges and congress. In the Exchange, students from two or more LC's visit each other for about ten days. During these multilateral meetings the participants gain their awareness of the foreign university reality, industry and cultural aspects. It offers practically unlimited possibilities to the organizers.

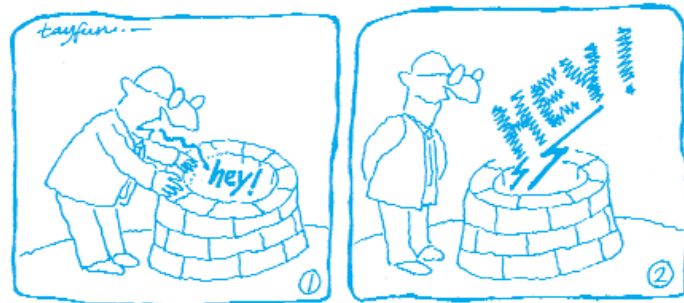
To contact EESTEC visit: www.eestec.org or email to board@eestec.org.

EESTEC
Mekelweg 4
2628 CD Delft
The Netherlands



IEEE-EESTEC Congress 2003 including IEEE Cosenza Student Branch

September 2003



ACOUSTIC MICROSCOPY INVENTED!

et cetera

17th EESTEC Congress

The 17th EESTEC Congress was the “star gate” for the first contact between two worlds: IEEE and EESTEC. EESTEC is the Electrical Engineering Students European association and the Congress, held every year in a different member city, is the General Assembly of the Association, where all the Local Committees are invited to discuss about guidelines and policies for upcoming years.

EESTEC Congress 2003 was organised, in the week between 9th and 16th of April, by Associazione Studenti Ingegneria-EESTEC Local Committee Cosenza at Università della Calabria (Italy). EESTEC Board 2002-2003 and Associazione Studenti Ingegneria, which is also IEEE Student Branch Cosenza, decided to invite IEEE Region 8 Representatives to the Congress. Thanking Pilar Molina Gaudó and Basak Yüksel, IEEE R8 Students Coordinators, the “close encounter” could happen.

During the Second General Meeting Basak Yüksel introduced IEEE Region 8 Structure and Students Activities and jointly with Andrew Gaal (EESTEC Vice-Chairman 2002-2003), led sessions dedicated to future collaboration between EESTEC and IEEE Region 8.

As usual in every EESTEC event, together with the “professional” part, also the orga-

nizers plan a lot of social and entertainment activities. For this congress they prepared the sightseeing of Cosenza with the welcome of its Mayor Eva Catizone. An entire day on one of the most amazing Calabrian beach, and two big parties – the welcome party and the farewell gala night, during which the “visitors” thanked their hosts with typical products of their countries.

The 17th Congress of EESTEC will be remembered mainly for having opened the possibility to embark upon a joint EESTEC-IEEE “odyssey”.

Enrico Natalizio – Chairman of IEEE
Student Branch Cosenza

IEEE SibSUTI Student Branch Novosibirsk, Russia

On the 10th August 2003 IEEE SibSUTI Siberian State University of Telecommunication and Informatics Student Branch Chapter celebrates its second anniversary. We want to thank our founder Prof. Boris Kapilevich, who was chairperson (1996-2001) of Joint MTT/ED/CPMT/COM/SSC chapter, Novosibirsk. The organization of our chapter would be impossible without help of the administration of the university and its rector Prof. Valery Bakalov.

The first active student members were: Vasily Pribylov (Chair 2001, 2002), Alexander Kalatchikov, Irina Tsimbalist, etc.

The young organization found itself in difficult conditions. Because of a distant geographical situation the SB was unable to receive support from the Russia Section, including Money Rebate, but this was given by the Joint Chapter.

Our SB is guided by Prof. Viacheslav Shuvalov (dean of AEC faculty of SibSUTI), Dr. German Garskov (past counselor) and Sr. Teacher Vasily Pribylov

© TAYFUN AKGUL 2002

(counselor, Interim Chairperson of Russia Siberia Section).

Our chapter grows constantly. We have a vast student body at SibSUTI. There are 3rd – 5th year students and post graduates of SibSUTI and its branches. Now the chapter numbers 20 students. Annually, ranks of the chapter Alumni are replenished with skilled specialists, who get their jobs in the prestigious companies.

Scientific interests of our students is wide: besides Communications, there are members of Computer, LEO and PEL. Among our students there are girls interested in creation of the affinity group “Women in engineering”.

The Executive Committee — Anton Kiselev, Chairperson; Eugene Popantonopulo, Vice-Chair – sees two main goals in the plans of the chapter: to advance and

extend interaction with adjoining groups and other scientific organizations, information dissemination on scientific research and international contacts among the SibSUTI students

Please visit our Web-site at <http://www.sibsutis.ru/~iee/sb/eng/sb.html>.

*Maxim Shipitsin
SB Secretary.
June 8th, 2003*

IEEE region8sac

Student Branches Win \$300. Prizes!

This year, the top 5 Student Branches with the highest increase in membership in Region 8 received an award of \$300 for their activities. The ratio of increase is calculated in a genuine engineering fashion as the weighted factors of absolute and relative increases.

The winners of the 2003 membership campaign are:

1. Padova Student Branch in North Italy
2. Ain Shams University in Egypt
3. Czech Technical University in Prague
4. Nnamdi Azikiwe University in Nigeria, and
5. Alexandria University, Egypt.

Each winner receives an official Regional Activity Board (RAB) plaque.

Boost Membership – Win \$600

In 2004, the prizes will double: the top five SBs will each receive \$600 for their activities.

It is the right time to go for this. The 2004 membership renewal campaign has just started.

Get new members for your Student Branch and ... if in the top five, the money is yours!

For more details consult www.ieee.org/r8sac.

IEEE region8Industry

Company, Business, Enterprise, Concern, Firm, Establishment, Entrepreneur

Next month IEEE Region8 News begins a new series.

IEEE Region8 Industry will focus on the business achievements of IEEE members in Region8.

IEEE R8News reports the student, academic, and volunteer stories of members. Next month, more items about Industry Relations of the IEEE in our Region, about how IEEE membership benefits members working in industry.

This new series also intends to describe members who have careers in industry; who started a business; who design/ make/ sell/ something; or who work in a service industry. Has your membership in IEEE helped you in some way?

Please consider writing a short article (500 - 700 words).

Write about your work, your company, your enterprise, your role, your occupation, your business... and how your interest in engineering brought you there.

I would like to hear about large businesses and small companies as well as individuals.

*Roland Saam
Editor, R8News
r8news@ieee.org*

Denmark & France go for GOLD !

The GOLD Affinity groups in Denmark and in France have just been created. A big thank you goes to the effort of all those involved into creating the GOLD groups. As for all other GOLD Affinity groups you are welcome to contact them for suggestions or questions or to become a GOLDen volunteer.

For contact information, please see the links on the Region 8 GOLD pages (www.ieee.org/r8gold) and keep an eye on the GOLD pages of the R8 News to keep up-to-date.

Mario De Weerd
R8 GOLD Coordinator
m.deweerd@ieee.org



Mischa Dohler with Mario De Weerd on camera.

Formation of GOLD group in Siberia Section

In February 2003 Russia Section was split into three parts. We jumped at the opportunity to increase GOLD activity in Russia -to form new groups and to increase membership.

GOLD group belongs to Siberia Section and has events directed at the development of IEEE in region: IEEE-Siberia conference on control and com-

munications SIBCON and IEEE-Siberia conference on electron devices and materials SIBEDEM.

In April 2003 Student Paper Contest at the Information Security SIBINFO-2003, co-sponsored by ComSoc and the IEEE foundation, was a success!

The contest is the first GOLD event in Siberia Section and it was organized by department of Complex Information Security for Computer Systems. The information support was provided by the Tomsk Chapter and Student Branch.

The contest will be carried out annually, and the papers of winners are published in the Proceedings of SIBCON conference. We cordially invite you to participate in our meetings. More information can be found on the Web at <http://me.tusur.ru/~tieee>. Also you are invited to subscribe to my email list <http://subscribe.ru/catalog/tech.siberia>

*Oleg Stoukatch
IEEE GOLD Chair, Siberia Section
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<http://camsam.tpu.ru/ieee>*

New Virtual Community and Jobs for GOLD members in Germany

GOLD Affinity Group Meeting, Munich

A guided tour through Munich's new Museum of Modern Art impressed the participants of the GOLD meeting, but they were more impressed by the modern services that the IEEE is developing for them.

All of this happened on Saturday, March 29, 2003 when 16 members from the Munich area met to discuss current developments and planned activities for the GOLD program.

The tour through Munich's new Museum of Modern Art with its architecture and friendly environment offers an impressive framework for the articles on display. One of the largest collections of 20th and 21st century art, graphics, architecture and design is housed here. We were impressed by its friendly atmosphere and abundant exhibits.

After a short lunch break, the 'formal' GOLD Affinity Group meeting began. An overview of last year's GOLD activities included the formation of a local GOLD group in the Stuttgart area and two prestigious projects: The GOLD Virtual Community, to be available soon, and the planned Job-Switchboard, intended to offer access to national and international job vacancies, focussing on engineers and natural scientists.

Dr. Gerhard Seiler from McKinsey concluded the meeting with his presentation entitled "Design-to-Cost Case Story: Heat Recovery Steam Generator". He offered interesting views of engineering work in the field of consulting.

Finally, one of the beer gardens in Munich hosted one of the most important parts of the gathering. Some of the participants finished networking over a couple of beers by sharing opinions and personal experiences.

*Peter Knott
Chairman,
IEEE Germany GOLD Affinity Group*

IEEE Region 8 EUROCON 2003

**The International Conference on
COMPUTER AS A TOOL**

Ljubljana, Slovenia

September 22 – 24, 2003

<http://www.eurocon2003.si/>



CALL FOR PAPERS

The 12th **IEEE Mediterranean Electrotechnical Conference - MELECON 2004** will be held in **Dubrovnik, Croatia on May 9 - 12, 2004**. The Conference will be an inspiring forum for the exchange of ideas and results. It will include regular technical sessions, plenary sessions, tutorials, special sessions and workshops. Regular sessions will include poster and lecture sessions. Prospective authors are invited to submit their manuscripts reporting original work, as well as proposals for special sessions, tutorials and workshops in areas of, but not limited to, Circuits and Systems for Signal Processing, Information and Communication Technology, Power Resources and Systems.

IMPORTANT DATES:

Submission of papers	<i>November 11, 2003</i>
Notification of acceptance	<i>January 20, 2004</i>
Deadline for final papers	<i>February 17, 2004</i>
Deadline for authors registration	<i>February 18, 2004</i>

MELECON 2004 SECRETARIAT:

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