

IEEE region8news

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

<http://www.ewh.ieee.org/reg/8/><http://www.ieee.org/regional/r8/>

Awards and Honours

IEEE Senior Member Elected President NSE

On 20th January 2002, The Nigerian Society of Engineers invested IEEE Senior Member Foluseke Abidemi Somolu, F.N.S.E., F.I.E.E., C.Eng. as President for 2002, 2003.

The N.S.E. was founded in 1958 and is the umbrella body for all professional engineering practitioners in Nigeria, with a membership strength of 25,459.

With 13 Professional Divisions, and 46 branches active throughout Nigeria, the Nigerian Society of Engineers has an essential role in the economic development of Nigeria.



FA. Somolu, 23rd President of the Nigerian Society of Engineers.

Engineering Resource Library.”

Further information visit www.nse.org.ng -click on Annual Report, and e-mail nsehq@infoweb.abs.net

In a letter to IEEE President Ray Findlay, NSE President Somolu says, “I would welcome any cooperation with, and help from the IEEE and members in providing professional facilities to my members, especially in the development of our

S.E.E. Awards “Member Emeritus”

Jean-Gabriel Rémy, IEEE France Section Chair, has been elected “Member Emeritus” of the French Société de l’Electricité, de l’Electronique (SEE). This is the highest grade of SEE membership. In addition, Pierre Borne, Fellow and IEEE Systems, Man and Cybernetics Society Chair, is the vice president in charge in SEE clubs, the equivalent of IEEE Societies.

Further information on the history of this prominent society of electrical electronic and communication engineers can be found at www.see.asso.fr.

New IEEE Fellows in R8

Duncan Baker, Region 8 Awards and Recognitions committee member reports Congratulations to the following members elected Fellow in 2002

“The grade of Fellow recognizes unusual distinction in the profession and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in IEEE-designated fields, and who has made important individual contributions to one or more of these fields.”

Hrvoje I. Babic
University of Zagreb
Zagreb, Croatia

Elisa Bertino
University of Milano
Milano, Italy

Anthony Christos Boucouvalas
Bournemouth University
Dorset, United Kingdom

Joachim N. Burghartz
Delft University of Technology
Delft, The Netherlands

Richard John Cameron
Com Dev International
Aylesbury, Buckinghamshire
United Kingdom

Gerard-Andre Pierre Capolino
University of Picardie
Amiens Cedex 1, France

Gianfranco Domenico De Grandi
European Commission DG Joint
Research Centre
Ispra, Varese Italy

Nico De Rooij
University of Neuchatel
Neuchatel, Switzerland

Maria Domenica Adele Di Benedetto
Universita’ de L’ Aquila, Italy
Poggio di Roio, L’Aquila, Italy

Evangelos S. Eleftheriou
IBM Zurich Research
Laboratory
Ruschlikon, Switzerland

Eweda I. Eweda
Ajman University of Science
& Technology
Abu Dhabi, United Arab
Emirates

Patrick Guy Farrell
University of Lancaster, UK
Lancaster, United Kingdom

Patrick P. Flandrin
CNRS
Lyon Cedex 07, France

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Editor's Ramblings...

Your Editor's Desk has received no further information from Ray Findlay regarding our colleagues affected by IEEE actions towards membership in certain countries. I have browsed a website and newsgroups discussing these issues, and I suggest that may be the best way to keep up-to-date for the time being.

Among the challenges and changes facing our institute, are changes to the Copyright rules, which could affect our authors. Because the only information I have at this moment is too technical, I will find someone to explain the meaning to our members in the November Issue of *R8 News*.

The Region 8 Committee comprises the people mentioned in the box –“Operating Committee” or OpCom, plus the Chair of every Section in R8 All are volunteers. To them we owe the vitality of what goes on the conferences, symposium, Chapter and Section meetings, and so on. Read about the Students Conference held in Egypt, the WILGA, Poland symposium, the PREP 2002 symposium. Professional and Social person-to-person contacts, and learning were the aims.

Women in Engineering is briefly covered by a summary of a talk given by Margaretha Eriksson. Ingo Ruesch is a new contributor who writes about Standards in Region 8.

Our May Photo Quiz did not receive any entrants, and I hope you will read the fascinating story behind the Lightning Recorder, contributed by Dirk Vermeulen. I thank IBM Research Labs for the fascinating image chosen for the August Photo Quiz. It represents work done within the last ten years, and resembles an abacus. Why not send your entry — the prize is worthwhile.

Thanks to all our contributors. Please write and tell me what you enjoyed about *Region 8 News*.

Roland Saam
r.saam@ieee.org

REGION 8 CONTACTS

HELP DESK MEMBERS

Members, students, applicants may have all their questions answered by contacting the Help Desk volunteers/staff. Please use this service freely. Information on what, where, when, how regarding membership, payments, procedures.

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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 2002)

Region 8 News is printed four times a year and distributed with *IEEE Spectrum*.

Please submit by e-mail to r8news@ieee.org in a file attachment in Text Format, Generic WordProcessor, Word, or Wordperfect, AND include with your submission a short description of what, where, when together with the name of the text file and any photo files.

The deadlines for the *Region8 News* for 2002 are as follows:

November 2002 Issue: 05 September 2002
February 2003 Issue: 6 Dec. 2002

Web Bulletins containing *Region 8 News* are published every month and then consolidated into the print each quarter year. Contributions received ten days before the month will be considered for publication on *Region 8 Newsletter Website*.

Basil Papadias 1933–2002

Professor Basil Papadias, aged 69, passed away on 4th of April 2002 after a rapid decline in his health.

A very large attendance of past and present academic and non academic staff, former and current students, engineers, friends and relatives who came to his funeral on 5th of April 2002 in Athens testified to the regard in which he was held. The Chairman of the School of Electrical and Computer Engineering of the National Technical University of Athens, Prof. G. Contaxis, and his colleague Prof. E. Dialynas, summarised his brilliant academic life and remarkable professional contribution.

Basil Papadias received the Electrical and Mechanical Engineering and Doctor of Engineering degrees from the National Technical University of Athens, Greece and



Basil Papadias

the M.E.E. and Ph.D. degrees from Rensselaer Polytechnic Institute, Troy, U.S.A.

From 1958 to 1975 he was with the Public Power Corporation of Greece. As professor of Electric Energy Systems at the National Technical University of Athens, he taught undergraduate and graduate courses. He was an exemplary academic teacher, who cared for his students and constantly advised his cooperators, elevating their skills.

He authored over 100 research and technical papers and several textbooks on electric power systems. In his long academic career he participated and chaired numerous scientific international and national conferences and meetings.

Basil Papadias was IEEE member since 1969 In 1997 he was nominated IEEE Fellow. From 1987 to 1991 he was

Chairman of the Greece Section and from. From 1994 until his death, he was Chairman of the Chapter Coordination Committee of Region 8

After his retirement he remained an active member of the Power Division teaching until the last week of his life.

Professor Papadias was respected and admired by everybody who had the chance to meet and cooperate with him. His unselfishness, open mindness and thoroughness in whatever he did were well known among his many students and collaborators.

He was a true gentleman, always cheerful and pleasant in his many social activities. His care for his students accompanied by patience and solicitude as necessary, were well known. For all his colleagues he will always be a source of inspiration.

*Contributed by Philip Constantinou
Chairman, Greece Section*

New IEEE Fellows *cont'd. from page 1*

Klaus Froehlich

Swiss Federal Institute of Technology
Zurich, Switzerland

Georges Georgette Emiel Gielen

Katholieke Universiteit Leuven
Leuven, Belgium

Georges A. Giralt

LAAS-CNRS
Toulouse, Cedex 4 France

Stanislaw Michal Gubanski

Chalmers University of Technology
Gothenburg, Sweden

Qiuting Huang

Swiss Federal Institute of Technology
Zurich, Switzerland

Leo P. Ligthart

Delft University of Technology
Delft, The Netherlands

Sture Lindahl

ALSTOM Power
Vasteras, Sweden

Marc Moeneclaey

Ghent University
Ghent, Belgium

Stephen James Nightingale

ERA Technology Ltd.
Leatherhead, Surrey England

Imre Jozsef Rudas

Budapest Polytechnic
Budapest, Hungary

Tapio Antero Saramaki

Tampere University of Technology
Tampere, Finland

Malcolm C. Smith

University of Cambridge
Cambridge, UK

James Carson Stewart

The Queen's University of Belfast
Belfast, Northern Ireland

Staffan Einar Strom

Royal Institute of Technology
Stockholm, Sweden

Albert J.P. Theuwissen

Philips Semiconductors
Eindhoven, Netherlands

Manfred Kaspar Andreas

Thumm
Institute for Pulsed Power and Microwave Technology
Karlsruhe, Germany

Igor Vajda

Inst. of Inform. Theory & Automation, Czech Acad. Science
Kralupy, Czech Republic

Arjan J. van der Schaft

University of Twente
Enschede, The Netherlands

Robert Weigel

University of Linz
Linz, Austria

Uri C. Weiser

Intel Israel
Haifa, Israel

Letters to the Editor

Dear Sir,

In the May 2002 Issue *Region8 News* you ask members if they wish to receive this publication in future in print...

I'm old fashioned, have neither a computer nor Internet connection. Being 81+ years I "consume" my regular information

by radio, tv, and print.

So please continue the use of carriers invented by Gutenberg, even if today "Typesetting" is also a computer work.

With kind regards,

*Dipl. Ing. Oskar Sturzinger,
Monaco*

[*Editor's note:* The office received NO requests to abandon Printed version, so I will concentrate my efforts on bringing it to you each quarter, and invite your letters whether by post, e-mail, or fax.]

Membership Admission Rules Set to Change

There is a continuing debate over whether IEEE should modify its admission requirements, to broaden its appeal in the engineering community and to be seen to be more welcoming to IT professionals. This debate has now reached an important phase with the publication of Dr Doris Carver's report from the President's ad hoc IT Committee, and the drafting of revised Bylaws defining admissions criteria, 104.4 and 104.10.

Bylaw 104.4 states that 'The grade of Member is limited to those who have demonstrated professional competence in IEEE-designated fields' and specifies the various routes to qualification, principally through graduation with a baccalaureate degree from a 'recognised educational program'

Bylaw 104.10 defines the concept of a 'Reference List of Educational Programs'. This list of recognised programs is compiled and maintained by the IEEE Educational Activities Board. The great majority of these programs are accredited by a national accreditation authority, and are normally taught in engineering schools. A direct consequence of the changes proposed, if approved by the Board of Directors later this year, would be to change the current policy from recognition of educational programs to educational institutions, and to leave the definition of IEEE's fields of interest to the 37 technical societies. This would widen the range of educational institutions included in the REP List beyond the traditional engineering schools.

The benefits to be gained from these changes include greater flexibility in dealing with applications for membership from professionals in fields peripheral to the traditional mainstream of electrical and computer engineering, particularly in IT (Informatics). There would be no direct effect on existing members, but it is expected that the membership could grow substantially.

There is a complex set of issues involved here, with special relevance to members in Region 8. The engineering profession and engineering education in Region 8 are organised quite differently, and in a wider variety of ways, from the models used in the other regions of IEEE. There are about 2000 recognised educational programs in Region 8, the great majority in Western European universities, included on the IEEE REP list used in the admissions process. Applicants who have graduated from one of the recognised programs are granted Member grade automatically. Otherwise the applicant is designated as Associate, although in some cases this a holding measure, pending further information from the applicant. In many Sections outside North America it is clear that too many applicants are being designated as Associate, either because they graduated from an institution not included on the REP list or because their technical field lies outside the IEEE domain.

The IEEE has agreed recently to delegate the responsibility for recommending confirmation of Member status down to Sections, in response to proposals put forward last year by the Region 8 Committee. This change should reduce the number of applicants wrongly designated as Associate, and help to speed up the process

by using local knowledge to improve the quality of the admissions process.

Candidates who apply to join IEEE after several years of professional experience are considered more on the basis of their field of employment and work experience than on their educational background. The proposals for change under consideration would further relax the requirements for admission at Member grade by significantly widening the range of eligible technical fields. The proposals might be regarded as lowering the entry standards and blurring the traditional focus of IEEE. Even those who support the proposed changes might argue that a cautious approach, with a phased introduction over several years, would be advisable. These factors are being taken into account in the ongoing debate, as are the practical problems of implementing such a major change in IEEE admissions policy. The inclusion of IT and other technical fields could easily double the number of Region 8 programs to be dealt with by the Piscataway staff and would greatly increase the number of eligible institutions.

Any Associates* who feel that they should be elevated to Member status should contact the Chair of their Section, who can use the official form distributed by Piscataway. Comments and queries about these issues would be welcomed.

* Associates should not be confused with Affiliates of IEEE Societies, who are not members of IEEE.

*Contributed by Charles Turner
Secretary IEEE Region 8
c.turner@ieee.org*

Visit Our Website

<http://www.ewh.ieee.org/reg/8/>

Standards for promoting new technologies and world trade

The development of new technologies and opening of new markets depends highly on the availability of standards. Standards are also a tool to abolish technical barriers to trade. For that reason IEEE has created the Standards Association (SA) and the Industry Standards and Technology Organisation (ISTO) and is very active in developing standards and technical specifications in the electrical and electronic area for the benefit of industry and society at large.

Today science and economy in the electrical and electronics is global also the standards development and application must be global. This means that Region 8 as one of the three industrial regions in the world has to improve its activities in standardisation. For that reason a Region 8 standards co-ordinator has been installed.

Participation in IEEE standards activities is nowadays very easy because of electronic means. IEEE is not only well-known for its high quality and market driven standards but also for their efficient electronic tools which allow to participate in the development of standards from everywhere in the world. Having in mind that primarily industry benefits from standards, Region 8 has to convince industry to get more active in IEEE. This is the main goal of the Industrial Relations Committee which was created recently.

It is now up to all Region 8 members to support these new activities for the sake of IEEE and also to strengthen the weight of our region in the whole IEEE community.

Introduction

Standards play an important role for world wide trade. For that reason the members of the World Trade Organisation (WTO) agreed on the Technical Barriers to Trade Agreement (TBT Agreement) which obliges them to contribute to the development

of international standards and to reference them in technical regulations to protect human life, environment etc..

Having in mind the fact that only approximately 20 percent of the whole corpus of standards are referenced in technical regulations, for 80 percent the market will decide which standards will be applied by industry and users. In this huge area exists competition between the many national, regional, multinational and international standards organisations. One important part is the information technology sector where IEEE has a world wide reputation. Because of the strong commitment of Europe in the regulated area to IEC the following expositions concentrate on the latter area.

Promotion of IEEE Standards in Region 8

The most effective way to improve the use of standards is to involve industry in its development. IEEE has a big advantage because of its short lead time, its processes and its electronic means. For that reason the following activities have to be taken:

Involvement of IEEE members in the standards development process

Increase of personal and co-operative IEEE-SA membership through promotion actions

Development of promotion material together with IEEE-SA Piscataway

Co-operation with EICTA, the European Sector Committee for ICT in Brussels

There is a good basis for success because in Region 8 many companies are doing business on a world wide basis and have subsidiaries in USA or are subsidiaries of US-companies.

*Ingo Ruesch,
Standards Coordinator Region 8
iu.ruesch@t-online.de*

IEEE Standards Coordinator appointed for Region 8

Ingo Ruesch is our new Standards Coordinator in Region 8. Ingo gave an introductory presentation to the Region 8 committee in



Ingo Ruesch

Budapest on 20-21st April. Region 8 news would like to introduce you to him.

Ingo lives in Koenigstein, Germany with his wife Ursula and two daughters. Until recently he was Managing Director of the German Electrical and Electronic Manufacturers' Association (ZVEI) In his early career he worked in Research & Development and in Marketing at AEG-Telefunken. Ingo studied Electrical Engineering and Economics at the University of Munich

Ruesch was President of the German National Committee of the International Electrotechnical Commission, the international standards and conformity assessment body for all fields of electrotechnology.

Here, in the First of a continuing series of articles, Ingo will tell us about IEEE Standards, why they are important, and how his new role will provide opportunities for the development of IEEE Standards in our region.

INDUSTRY RELATIONS

IEEE R8 has formed a new Industry Relations Committee with objective to improve the relations between IEEE and the industry. IEEE and its benefits are not well known to industry leaders and their employees. Most IEEE members are from academia. The main objective of the R8 Industry Relations Committee is, therefore, to highlight the benefits of IEEE to industry and society at large. IEEE may interact with industry in many ways depending on how the industry's needs are defined and goals are defined. We therefore have to network with industry and explore the industry's needs for IEEE products and services. By exploring the needs we can also promote seminars and other local arrangements with industry and of industrial relevance. This is also important in order to recruit and promote volunteers from industry in section and chapter leadership.

Region 8 is a large region in geography



Terje Gjengedal

and membership, and we have large differences in language and culture. The Industry Relations Committee will be an important part in building the industry relations, but the most important part is the work done by the sections, chapters and student branches. Based on local knowledge and contacts with local industry, they will give significant contributions to this work. In order to focus on this important work, each section is therefore asked to appoint an Industry Relations Officer (IRO) with experience and contacts with industry. So far approximately 15 sections have appointed the officer and many more will join.

By improving the industry relations we will over time increase the reputation of IEEE within the industry and attract more

people from industry. Therefore, one important issue is to convince employers of the benefits of having IEEE members as employed engineers and to improve cooperation between industry and IEEE.

The Committee is now developing a business- and progress plan for Industry Relations. If you as a member have any further questions or ideas, suggestions or experiences about industry relations activities, please contact your local section, or the R8 IRC –Chair on the emailaddress: terje.gjengedal@statkraft.no. Your response will be very much appreciated.

We have achieved a lot already, but in reality we have just started. By joining the efforts from members, sections and the region we will succeed.

*Report by Terje Gjengedal
Industry Relations Region 8
terje.gjengedal@statkraft.no*

MEMBERSHIP DEVELOPMENT

What does it mean or what does it do when we journey up to the mountain of challenges confronting us to intensify our membership campaign for R8 countries. As of now, R8 countries are structured under Section 99 of the IEEE membership database that does not come under the purview of other regular sections.

This negativism poses a challenge to all regional members to achieve recognition at par with other regular sections. It needs an awakening within us to change this negative situation to positive. The very purpose and objectives of the IEEE is to promote the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro - and information technologies and sciences for the benefit of humanity and the profession.

How do we increase the membership? It is the imbibed responsibility of each member to add to its strength. Ask yourself, who influenced you to become a member of the IEEE. It could be through a friend you found in family circles, in your community or business arena, or a social or a cultural event. Whatever, it signifies the sharing spirit in a fellowship environment. So you too can influence your friends and acquaints through a word of mouth or through some journals or guest invi-

tation to a luncheon or a dinner meeting. You are helping the personal growth and development of your friend. You are seeking him to something higher than himself. It is an opportunity to serve the humanity and the profession.

Let us compare ourselves to see how we stand in membership count with other regions, what is the trend in membership growth; static, decreasing or increasing, what roles we can offer to new members to utilize their educational and professional skills, and how best current members can share their ideas and views.

Develop meaningful concise brochures suitable for each R8 country and out reach to people with whom we regularly do business, to the chambers of commerce and governmental, industrial and educational institutions. Monitor membership fluctuations and conduct periodical surveys to identify root causes and take remedial measures for improvement.

*Contributed by Jaafar Al-Ibrihim
Acting Coordinator, Membership Development
ibrahijm@aramco.com.sa
07 June 2002*

CHAPTER COORDINATION

Region 8 is very successful because of the huge number of the chapters (over 300).

It is my pleasure to inform you that on May 13, this year, the Magnetics Society Chapter of the Romania Section has been formed. We extend our best wishes for the successful operation of this Chapter.

Chapter Coordinators Subcommittee (CCS) is concerned with coordination almost all Region 8 chapters activities. Herewith I present a complete, current list of CCS for year 2002.

Christophe Cerin, C & IT,
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George Contaxis, PE & PEL,
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Jozef Modelski (Chair), MTT & AP & BT, *modelski@ieee.org*

Guergana Mollova, SP & AES, *g.mollova@ieee.org*

Maciej Ogorzalek, CAS & IM & CS, *maciej@zet.agh.edu.pl*

Imre Rudas, IE & RA & SMC & E, *rudas@zeus.banki.hu*

The main activities of the Chapter Coordinators include:

- contacting the Chapter Chairs regularly and be aware of the main Chapter activities and main existing problems.
- providing good relations with Society Coordinators (if exists).
- preparing (once a year) a short report to *R8News*.
- organising meetings of his Chapters Chairs at least once in 2-3 years.
- nominating candidates for the 'Chapter of the Year' award.

I encourage all Chapter Chairs, especially those of chapters 'not coordinated' yet, to contact their coordinators with their questions

Austria	3	Germany	18	Saudi Arabia	4
Belarus	6	Greece	9	Slovenia	4
Benelux	14	Hungary	6	South Africa	8
Bulgaria	7	Iceland	2	Spain	14
Central & South Italy	15	Israel	15	Sweden	11
Croatia	7	North Italy	13	Switzerland	10
Cyprus	2	Norway	6	Turkey	12
Czechoslovakia	4	Poland	14	Ukraine	8
Denmark	6	Portugal	5	United Arab Emirates	2
Egypt	8	Rep. of Macedonia	5	UK&RI	21
Finland	7	Romania	8	Yugoslavia	8
France	17	Russia	24		

and ideas. Again, I have a pleasure to invite all R8 MTT Chapter Chairs for our meeting on September 22, 2002, (Sunday) in Milan, which will be held in conjunction with European Microwave Week. I would kindly like to remind all the Chapter Chairs that according to IEEE Sections bylaws Chapter officers may not serve for more than four years consecutively. CCS will ask all our officers to strictly follow this rule.

Chapter of the Year Contest Winners

Most of the Chapters in Region 8 are very active. Therefore for the feeling of competition and appreciation of their activities, CCS has established the Chapter of the Year Contest.

In the "Large Size" Chapters category (>100 members) the winner is the Power Engineering Chapter UK&RI, in second place Laser & Electro-Optics Chapter C&S Italy.

In the "Small and Middle Size" Chapters category the winner is the MTT/ED/AP/CMPT/SSC Joint Chapter West Ukraine, in second place-Circuits & Systems Chapter Poland.

Because, for the average value of jury members' notes differ only slightly between the first and the second chapters in each cate-



"After the Award Ceremony : Domenico Solimini (C&S Italy Section), T. Hammons (UK&RI PE Chapter Chair), J. Modelski (CCS Chair), M. Andriychuk (West Ukraine MTT/ED/ AP/CMPT/SSC Joint Chapter Chair).



President of IEEE Ray Findlay presents The IEEE RAB Achievement Award to Jaafar Al-Ibrahim, Saudi Arabia Section, as Region 8 Director Levent Onural looks on.

gory, jury awarded second places distinction in the form of diplomas. The two winners (Chapter Chairs) were invited for the first official award ceremony, which was held during the R8 Committee Spring Meeting, Budapest, April 20-21, 2002. Each Chapter received the plaque and financial prize of \$ 1000 as a support for Chapter activities. The plaques and diplomas were presented to the winners by IEEE President Ray Findlay, and Region 8 Director Levent Onural. Next edition of the Chapter of the Year Contest (for year 2002) will be announced on November 2002.

*Józef Modelski
May, 2002
CCS Chair*

UK&RI PE Chapter demonstrated high quality meetings and conferences, participation in Standards activities, and work with United Nations and PES Committees. It is commended for publishing meetings reports; in promoting member recruitment, in initiating Milestone Dedication events, and in promoting advancement to higher grades of the Institute.

*Submitted by:
Tom Hammons, UK&RI PE Chapter Chair*

IEEE MTT/ED/AP/CPMT/SSC West Ukraine Chapter has 32 Members. Four Chapter's members were nominated as Senior Members. Students consists of 22 IEEE student members. Won "The IEEE CMPT Society 1999 Chapter of the Year. In educational activities, the Chapter's Members presented two educational courses. In the area of technical activities, twenty technical meetings were held in 2001. Among the main events of 2001 were: Microelectronics (CADSM 2001) held in Slavsko; Acoustic Wave Theory (DIPED-2001) organised together with Republic of Georgia Chapter, in Lviv, Ukraine. Financial support for organising expenses and Best Young Speaker Awards were provided from the Chapter budget. Chapter Web Site please refer to: <http://www.ewh.ieee.org/soc/cpmt/ukraine/>.

*Submitted by:
Dr. Mykhaylo I. Andriychuk,
IEEE MTT/ED/AP/CPMT/SSC West Ukraine Chapter Chair
E-mail: andr@iapmm.lviv.ua*

Section and Chapter News

KFUPM hosts 9th Annual TEX

The 9th Annual Technical Exchange Meeting of the IEEE was opened at King Fahd University of Petroleum and Minerals (KFUPM) on Tuesday the 16th of April, 2002. Over three hundred professionals attended from Gulf Coast Countries. Officially opening the meeting, H.E. Dr

AbdulAziz Al-Dukhayyil, Rector of KFUPM outlined continuing support support for technical conferences and symposia as the University celebrated its 20th anniversary. In his Welcome Address, Nabil Al-Dabal, newly elected Chairman of IEEE Saudi Arabia Section and Manager of Saudi Aramco's IT/ Computer &

Communications Engineering Department, reflected on the important role IEEE has to promote the engineering process of creating and applying knowledge about electro-and information technology for the benefit of humanity and the profession. Jaafar Al-Ibrahim, Secretary of IEEE Saudi Arabia Section was Master of Ceremony Twenty top students from KFUPM were presented with awards for their academic excellence. As the ceremony came to a close, Dr Samir Al-Baiyat the Chairman of the Organizing Committee thanked several local industries for their support in making the gathering a success.



Section Secretary Jaafar Ibrahim looks on as Dr. Samir Al-Baiyat, Past Section Chair of the IEEE Saudi Arabia Section receives a token of appreciation from current Chairman Mr. Nabil Al-Dabal.

FIRST "International E-Learning Symposium" Collaborative E-Learning in the GCC

**City of Dubai
12-13 May 2002**

"On 12th -13th of May 2002, the College of Information Technology (CIT) at UAE University, in collaboration with IEEE

UAE Section, organized the first "International E-Learning Symposium" in the city of Dubai.

Section and Chapter News cont'd.

Among the different symposium activities, the round-table discussion held on 12th May, which was co-chaired and moderated by Dr. Eesa M. Bastaki, was of great importance with the theme - **Collaborative E-learning among GCC Universities.**

CIT offers seven IT degree programs in IT disciplines, they include: Computer Science, Computer Systems Engineering, Electronic Commerce, Information Security, Information Systems, and Network Engineering. All degree programs & curricula are designed to be consistent with the principles of the new ACM/IEEE Curriculum 2001, considered the most advanced IT curriculum anywhere in the world”.

*Report thanks to:
Dr. Eesa M. Bastaki
Chairman, IEEE UAE Section
eesa@uaeu.ac.ae*

JORDAN SECTION

At the IEEE Jordan Section these appointments were made in May 2002, and I am outlining the newly appointed officer, chair, and representative: Industry Relations Officer: Mohammed Z Mohammed khedher@ju.edu.jo

Activity Secretary and Student Activities Chair: Mohammad Hamdan hamdan@yu.edu.jo

GOLD Representative: Dia I Abu-Al-Nadi dnadi@ju.edu.jo

*Report thanks to Jordan Section Chairman,
Mohamed K Abdelazeez
abdlaez@ju.edu.jo
21 May 2002*

IEEE MTT/ED/AP/CPMT/ SSC West Ukraine Chapter

The West Ukraine Joint Chapter was established on January 26, 1995, by 13 IEEE Members from Lviv, and Kharkiv. Prof. Nikolai N. Voitovich, was the first Chapter Chair. In 1997 it was joined to the CPMT Society recruiting 5 and in 1999,



From left to right, Levent Onural, Region 8 Director and Josef Modelski, Chapter coordinator look on as the President of IEEE, Ray Findlay, presents “2001 Chapter of Year Award” to M. Andriychuk, West Ukraine Chapter Chair.

Solid State Circuits Society Members. Now we are called: IEEE MTT/ED/AP/CPMT/SSC West Ukraine Chapter. The student group was organized in 1998. Chapter Web Site was created (<http://www.ewh.ieee.org/soc/cpmt/ukraine/>).

We won the awards “The IEEE CMPT Society 1999 Chapter of the Year”, and “The 2001 IEEE Region 8 Chapter of the Year in the Small and Middle Size Chapters Category”.

Our goals are:

- to propagate the information about the IEEE among the scientists, engineers and students in the West Ukraine region
- to increase the Membership by recruiting the new members
- to organize the technical meetings and the educational courses with subject of scientific interests to the Chapter’s Members
- to organize the International scientific and technical conferences

In the area of technical activities, twenty technical meetings with a scientific and technical subject of interest of the Chapter members were held in 2001.

The Best Young Speaker Awards winner, Mrs. Galina Shilo (Zaporizhzhya National Technical University, Ukraine) for “Optimization of ISLAE solutions in the problems of assigning tolerances for parameters of electronic devices”, Mr. Krzysztof Slusarchyk (Technical

University of Lodz, Poland) for “Modeling Semiconductor Structures in CDF-ACE+ SEMI Software”, and Mr. Volodymyr Ostap (Lviv Polytechnic National University, Ukraine) for “Correlation Method for Fingerprint Image Recognition Using Spectral Features”.

FORTHCOMING EVENTS in West Ukraine:

1. October 10-13, 2002: The VIIth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED-2002) at Tbilisi State University, Tbilisi, Georgia

2. May 17, 2002: XVIIth Regional West Ukraine Student and Young Scientist Conference (YSC-2002). The Young Scientist Council of Physico-Mechanical Institute, NASU, Lviv, Ukraine will organize the Conference.

3. The 15-20 technical meetings, and 2 educational courses in a special lecture series this year.

*Report by:
Dr. Mykhaylo I. Andriychuk
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POLAND IES/PELS

Poland Section IES/PELS Chapter

IV Power Electronics Seminar 14-16 Maj 2002 Janów Podlaski, Poland

The IV Power Electronics Seminar was held in a beautiful area of East Poland - Janow Podlaski on 14-16, May 2002.

Distinguish Lecturer Prof. Joachim

Section and Chapter News cont'd.



The participants of the IES/ PELS Seminar. In the middle from the left Prof. M.P. Kazmierkowski, Prof. S. Bernet.

Holtz. presented "Sensorless Control of IM in Very Low Speed Region". This tutorial was a great success with lively interest in audience.

Over twenty technical papers were given and discussed.

The Social program associated with the Seminar included: visits to Horse Stud in Janow Podlaski, and a bonfire.

*Report thanks to
Marian Kazmierkowski Poland Section
Chair
06 June 2002*

COMSOC

IEEE COMMUNICATIONS SOCIETY CHAPTER ACHIEVEMENT AWARD 2002 to UK&RI

The United Kingdom & Republic of Ireland (UK&RI) Section Communications Chapter has won the Communications Society (ComSoc) Chapter Achievement Award for 2002. This was won in competition with over 140 other ComSoc Chapters worldwide. The UK&RI Chapter is the fourth largest overall and actually the largest Chapter outside the USA.

The Award was presented at a luncheon



Professor Peter Hill, Chair of the UK&RI Chapter, was awarded the plaque and a cheque for \$1000 by Celia Desmond – the President of IEEE ComSoc

hosted by ComSoc at the International Communications Conference (ICC 2002) New York City on 29th April 02. It was especially pleasing that the Chapter actually won the prize in the 50th Anniversary Year of IEEE ComSoc!

*Contributed by
Peter Hill, 11 June 02*

UK Republic of Ireland Chairman at House of Lords

In May Simon Jones, Chairman of the UK and Republic of Ireland Section was invited by the House of Lords (the UK's second

parliamentary chamber) to give evidence to their investigation into the future of microprocessors.

Professor Jones said, "As a member of the IEEE I was proud to be asked to give evidence on technology and training requirements for future Microprocessors". I made the point that while the UK has little manufacturing capacity in this area, it is a leading force in the design of microprocessors, with companies such as ARM and ARCCores based in the UK". "The Members of the Committee were extremely well informed in the technology and skills base issues and I was very impressed by the quality of the questions I was asked", commented Professor Jones. "The IEEE has an important role in making the UK a success in this area, providing access to latest technology trends and through our System-on-Chip groupings in Ireland and Scotland provide a valuable forum for networking and technical discussions".

The findings of the investigation will be made public in the Autumn and will be used by the UK government to help formulate policy in this area.

UK&RI success at PREP 2002

PREP (Postgraduate Research in Electronics and Photonics) is an annual conference held by the UK's Engineering and Physical Sciences Research Council (EPSRC) for the UK's postgraduates in this area. For the last few years the IEEE have had a significant involvement in this conference, sponsoring the activities and staffing a stall at the exhibition introducing postgraduates to the benefits IEEE membership provides.

The stand was one of the most popular and Mischa Dohler, UKR&I Student Chapter Co-ordinator and his team of helpers were busy throughout the 3 days of the conference, handing our membership packs and answering a wide range of queries.

Mischa commented, "Surprisingly, the vast majority of undergraduates and postgraduate students have no idea about the benefits of being an IEEE student member. These advantages are so obvious that attracting student members is not all too dif-



PhD students of St. Petersburg State Technical University at PREP 2002: Vladimir Yermolayev, Leonid Karachinsky, Me (in white shirt); Innokenty Novikov and Vladimir Nevedomsky

difficult as long as some proper advertisement is done. Therefore, the awareness of IEEE has to be increased drastically within universities. Of major difficulty, however, is to make students understand that IEEE is

not only about reduced conference fees and immediate publication access, but also about networking, interacting and bridging the gap to the industry. Student Branches help in the establishment of these cross-

connection and it was one of our main aims at PREP2002 to promote the creation of such within the UK&RI.”

The IEEE will be involved in PREP2003 with Tony Davies, Director-Elect for Region 8 on the organising committee for this event.

Attendance by PhD students of St Petersburg State Technical University was assisted by cooperation of IEEE Circuits and Systems Society- membership support, Region 8 VCF- travel support, and UK&RI section with EPSRC- accommodation and registration.

UK students attending PREP got a chance to see the extremely high standard of fundamental research being done in Russia. They could compare with their own.

This is one way that young scientists and engineers from various countries and cultures ‘network’ which fits IEEE’s transnational goal

*Report by Mischa Dohler
Student Representative UK&RI
mischa@ieee.org*

history@ieee.org

IEEE Virtual Museum Opens

Thomas Edison didn’t invent the light bulb, so why does everyone think he did? What was the first computer? How did the patterns in a Utah cornfield lead to the development of TV? What is the “x” in an x-ray? Why are Alvin and the Chipmunks part of a museum about technology?

If your curiosity is piqued and you’re eager for answers, visit the IEEE Virtual Museum (<http://www.ieee.org/museum>) to get them. After a year and a half of development, the IEEE Virtual Museum (VM) was launched in February. Developed by engineers and historians, the IEEE VM is premised on the belief that examining what was increases our understanding of what is. Aimed primarily at pre-college students and their educators, the IEEE VM explores the social impact of electrical and informa-

tional sciences and technologies and demonstrates the relevance of engineering to society.

To make learning about science and technology stimulating and fun, the IEEE VM illustrates technical material with engaging and interactive features while displaying unique historical artifacts from science and technology museums around the world.



The VM opened with two exhibits, *Socket to Me! How Electricity Came to Be* and *The Beat Goes On: How Sounds are Recorded and Played*. *Socket to Me!* is a permanent exhibit that provides students with a background of the different fields affected by our understanding of electricity. *Beat* focuses on a single topic and is the first of what will be a series of rotating exhibits that explore a particular subject in depth. The second, *Thomas Edison: A Lifetime of Invention*, is scheduled to open in June 2002. Other exhibits currently in development will explore the different applications of microwaves and contributions women have made to electrical and information technologies.

*Contributed by Kim Breitfelder
Project Manager, IEEE Virtual Museum
http://www.ieee.org/history_center*

REMINDER CALENDAR

Workshops/ Conferences/ Symposia in Region 8

CALL FOR REGISTRATION

AFRICON'02

2-4 October 2002

George, South Africa

The 6th IEEE Region 8 AFRICON conference will be held in George, South Africa from 2-4 October 2002. Tutorials are planned for 1 October.

The Conference offers a forum for Electrical, Electronic and IT research activities in Africa. Topics to be discussed include but are not limited to 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.

Further details may be found at the website <http://www.cs.wits.ac.za/info/ieee/afriCON02/>, or obtained from the AFRICON02 Secretariat at phone number +27 12 652 0775, or fax number +27 12 652 0775.

afriCON@ctech.ac.za

10th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering

September 16-18, 2002 Graz, Austria

<http://www.igte.TUGraz.at:81/symp02/>

The 10th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering at Technical

University of Graz, Austria, September 16-18, 2002.

The Symposium intends to provide a special forum for presentation of new developments in the numerical calculation of fields in electrical engineering. Special attention to novel methods of teaching electromagnetic subjects, e.g. Web Based Training.

WILGA

22-25 May 2003

Warsaw, Poland

IEEE Symposium for B.Sc., M.Sc., and Ph.D., students, GOLD members and young researchers. Please, consider participation of your students and young fellows. Support this new IEEE conference.

Information <http://www.nms.ise.pw.edu.pl/ieee>

2nd European Medical & Biological Engineering Conference

4-8 December, 2002-06-14 Vienna, Austria

<http://www.embec.org>

IFAC Conference on Analysis and Design of Hybrid Systems

June 16-18, 2003

Saint-Malo, Brittany, France

The IFAC ADHS_03 conference is focused on the automation of hybrid dynamic systems. The aim of the IFAC ADHS_03 conference is to bring together researchers and practitioners with background in control,

computer science and power electronics. Deadline for submission of draft papers and special sessions:

November 20, 2002

Further information may be found on The conference Server: <http://www.supelec-rennes.fr/adhs03/>

The 4th IFAC Symposium on ROBUST CONTROL DESIGN

Milan, Italy

June 25 - 27, 2003.

Contact Patrizio Colaneri at colaneri@elet.polimi.it for further details.

SYSID 2003

13th IFAC Symposium on System Identification,

August 27-29, 2003,

Rotterdam, The Netherlands

Co-sponsored by IEEE Control Systems Society

The symposium covers all research and development aspects of identification of dynamical systems, experimental modeling, parameter estimation, signal analysis and adaptive control. It is organized as a meeting place where scientists and engineers from several research communities can meet to discuss issues related to these areas. Deadline for paper submission is November 20, 2002.

For more information see the symposium website: www.sysid2003.nl.

Reviews of Conferences Held in Region 8

14th International Conference on Microwaves, Radar and Wireless Communications

MIKON 2002 was held on May 20-22, 2002, in Gdansk (Poland), the charming old capital of Pomerania.

In MIKON's 30+ years history, MIKON assembles the whole Polish microwave and radiolocation community as well as numerous representatives of our immediate neighbours (especially from the East and South). MIKON is also privileged to host the leaders of foreign research centres which collaborate with Poland, who now

work and live abroad.

In 1994, thanks to the IEEE Microwave Theory and Techniques Society support, MIKON received the status of an international conference (permanently marked in the world conferences calendar). Since then it has been organized bi-annually in May and it was hosted by various Polish cities - biggest research and culture centres.

This year MIKON moved to Gdansk, with the record number of 177 papers accepted for presentation: 90 from Poland and 87 from 25 countries all around the world. The MIKON 2002 program com-

prised 29 sessions in total - 24 oral and 5 poster ones, held in 3 parallel streams.

MIKON 2002 continued the Young Scientist Contest addressed to the young engineers and Ph.D. students. This year 41 foreign and Polish young authors have presented their papers. Due to the high prestige of MIKON, the European Microwave Association has co-sponsored this event for the first time. The winners received diplomas of recognition and financial prizes:

— first prizes Piotr Kozakowski from Technical University of Gdansk and Sean Hum from University of Calgary; second

Reviews of Conferences cont'd.

prizes Arkadiusz Lewandowski from Warsaw University of Technology and Attila Zólmoly from Budapest University of Technology, the third prizes Sandra Pralgauskaitė from Semiconductor Physics Institute (Vilnius) and Anton Abramov from Saratov State University.

Telecommunications Research Institute (PIT), Warsaw, organized the MIKON Conference for the seventh time, including all international events. Founded almost 70 years ago, PIT is nowadays the leading research centre in radar technology, the biggest group of microwave specialists in Poland. The total number of attendees was 263: 172 from Poland and 91 from abroad and among them were many prominent members of the world microwave community, who regularly participate in this event.

During the evening banquet in the Le?no Palace (near Gdansk), six distinguished members of the MIKON community received special certificates of appreciation: Prof. Tibor Berceli (Hungary), Prof. Franco Giannini (Italy), Prof. Krzysztof Grabowski (Poland), Prof. Tatsuo Itoh (US), Prof. Andrzej Jeleński (Poland) and Dr Andrzej Kraszewski (US).

MIKON 2002 was very successful and has gained high esteem in Europe, directly following the European Microwave Conference, and playing a leading role in the Central and Eastern Europe.

May 24, 2002

Jozef Modelski
TPC Chairman

Photonics and Web Engineering Symposium

WILGA 23-26 May 2002

We have a strong students SPIE activity (www.spie.org). (www.optics.org) A number of people belong to OSA - Optical Society of America (www.osa.org), EPS - European Physical Society. And all these people contributed eagerly to the common effort of IEEE Symposium.

Our aims: Integration of national and international environment of Ph.D. students, M.Sc. students, young research workers in domain of electrical, electronics, photonics, information and mechatronics sciences.

The main topical emphasis this year:

- Photonics and Web Engineering

- Electronics and Photonics for High Energy Physics
- Internet based, complex metrological systems,
- Applications of VHDL programmable Altera and Xilinx circuits,
- Materials and technologies for photonics and VLSI electronics,
- Photonics in mechatronics and 3D object recognition

Two round-table panel discussions and two social evening events were organized serving the need to integrate the participating crowd of young researchers.

Outdoor Session LIVE FROM JUPITER was organized after the dusk in the middle of the forests. We have a mobile solid (half meter in diameter) mirrored optical telescope with magnification of several hundred times.

Symposium publications

A volume of Proceedings of SPIE is expected to be issued and a special issue of ELEKTRONIKA Journal

Report thanks to /R.S.Romaniuk/
rrom@ise.pw.edu.pl

Candidates Speak

Candidates for President Elect 2003 visited Region 8, at Budapest Committee meeting.

In September, the IEEE will send out voting information to members. You will have the opportunity to select leaders of our institute. Our IEEE website <http://www.ieee.org/organizations/corporate/candidates.htm> gives you the chance of "meeting the candidates" to see how they have contributed as volunteers, and also to assess their views.

The most important position is that of President-Elect for 2003, who serves on the IEEE Board in that position for next year and becomes President a year later.

This year there are three candidates for President-Elect: Arthur Winston ; Luis Gandia; Vijay Bhargava.

Luis Gandia and Art Winston have visited Region 8 and made presentations to our committee in April 2002.

Luis T. Gandia, a practicing Professional Engineer, writes: *"I want to contact you regarding IEEE's major challenges and to request your input on these issues: Maintaining competitive advantage; -Fiscal discipline; Restructuring governance; -Globalization; - Serving practicing engineers in a better way. Your ideas and comments could be an important contribution to the future of IEEE."* www.luchigandia.com.

Art Winston, a businessman and educator, says *"I would bring to the IEEE Presidency: - technical and business management experience; skill in handling difficult situations ; Industrial experience with strong academic relationships; my ability to get things done;- plans to increase benefits of IEEE membership."* www.arthurwinston.com

Vijay Bhargava has 28 years of experi-

ence as a registered professional engineer and IEEE volunteer on regional, educational and technical activities board. *"I would work to improve our member services and benefits and innovate in the development of IEEE intellectual property products (journals, standards, conference proceedings, courses,...) for engineers and researchers. Please visit my web-site <http://www.ece.uvic.ca/~bhargava/ieee>."*

Their full position statements will be circulated with the voting material to be sent out in September, and further information and web links are available from the web-site.

Please take the time to study all the candidates statements. Browse the web-site to gain familiarity with the structure of the IEEE and how we are governed. Then VOTE, and heed the deadlines.

Thanks,

Roland Saam,

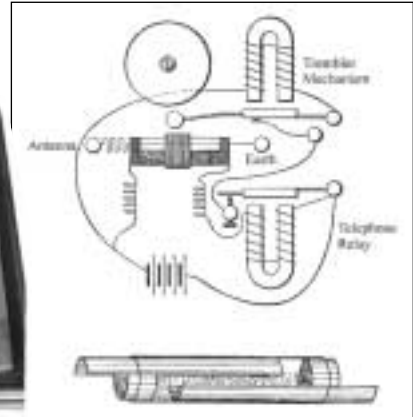
Photo Quiz

No Winner!

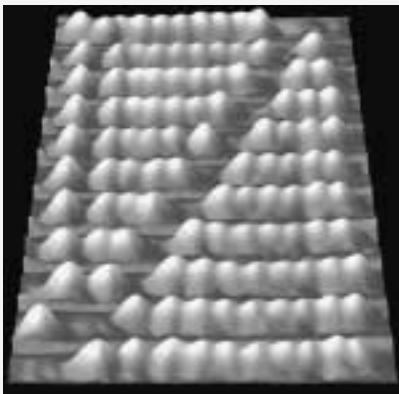
Sadly, there is no-one to claim the May Prize of \$35. Voucher for IEEE On-Line Store.

The Photo shown on Page 13 of May *Region 8 News* is a recording machine to measure Lightning, and was built in Budapest by a company "Hoser Victor" in 1904. It is an obscure and rare device used in the Transvaal Meteorological Station which was built by the British Colonial Government in 1903. There is a high incidence of lightning in this part of the world, and the meteorological station had been established to study local conditions near the place where dynamite was manufactured for the gold mines.

Thanks to Dirk Vermeulen and Duncan Baker, from South Africa, for the references to "A Popov Lightning Recorder? In South Africa! Published in Proceedings of IEEE, Vol 88 No 12, December 2000.



Lightning recorder: "The trembler not only rang the bell and vibrated the coherer, but also deflected the recorder pen."



August Contest

Is This the World's Smallest Abacus?

The Photo for this month's contest is from a European Research laboratory, in the last ten years, and is an example of how small the world of engineering is.

Answers please by post or e-mail to be received by 5th September. Winner has choice of any item from IEEE ON-Line Store, up to value of \$35.

"Dr. Seuss Explains Why Computers Fail"

(To be read aloud)

If a packet hits a pocket on a socket on a port, and the bus is interrupted at a very last resort, and the access of the memory makes your floppy disk abort, then the socket packet pocket has an error to report.

If your cursor finds a menu item followed by a dash, and the double-clicking icon puts your Window in the trash, and your data is corrupted cause the index doesn't hash, then your situation's hopeless and your system's gonna crash!!

If the label on the cable on the table at your house says the network is connected to the button on your mouse, but your packets want to tunnel to another protocol, that's

repeatedly rejected by the printer down the hall, and your screen is all distorted by the side effects of gauss, so your icons in the window are as wavy as a souse; then you may as well reboot and go out with a bang, 'cuz sure as I'm a poet, the sucker's gonna hang!

When the copy of your floppy's getting sloppy in the disk, and the macro code instructions cause unnecessary risk, then you'll have to flash the memory and you'll want to RAM your ROM. Quickly turn off the computer and be sure to tell your Mom!

[Sent in by an Australian Engineer, with credit to the inspiration of Dr. Seuss]

"Tomorrow's Engineer" Region 8 Student Branch Congress IEEE SBC 2002 Cairo, Egypt

Report by Mischa Dohler

The 2002 Student Branch congress, entitled "Tomorrow's Engineer," was held in Cairo, Egypt May 15, 2002.

Overview: The program began with the opening reception, when students registered and socialised together. On the second day, there were some technical lectures, and the IEEE R8 Design Competition. The program for the third day consisted of tours to the HTI, a ceramic factory, and a medicine factory. The next day, there were some more lectures on functions of student branches and a small project management activities, and finally in the evening a cruise on the Nile. The fifth day began with the leadership-training workshop, there were some discussion groups, and ended with the cultural exhibition of each country. On the final day, the group was taken on a cultural tour of Egypt. Many places were visited, the Citadel, the Egyptian Museum, and the Pyramids. Finally, the event was concluded with the closing reception, which took place in an old Arabic style house, with live music.

Feedback

Day one: Accommodation and reception were very good. We were taken on a night horse ride trip in the desert close to the Pyramids. It was breathtaking and a very good opportunity to meet the majority of the participants.

Day two: Further events were split into SBC and GOLD members. The first day's lectures were very interesting, everyone was in the "leadership training" mood. The Design competition was an excellent idea! The main aim was to present some Engineering research performed at the respective university/student branch. It was quite an educational event with major fun

involved (Madrid University presented a Robot which was hunting once leg).

Day three: Planned was a bus trip to the industrial zone at 10th of Ramadan city. The trip began at HTI, where we were given a tour. It was interesting for one to see the facilities and atmosphere other students around the world work and live in.

The trip continued to the Ceramic factory. The evening was filled with a beautiful Nile cruise.

Day four: Lectures became too boring. The room was emptying. The project management sessions held by Ms. Margaretha Eriksson were very fun, and beneficial. Students listened because there was more of an interaction and not just another speaker. The day was finished by the Exemplary contest, where each Student Branch could explain their activities.

Day five: The group discussions were very beneficial but only for the members of the group. There was no presentation of the ideas that the students came up with. Our group came up with some pretty good examples on how to globalise IEEE within R8, but no one else can benefit from them. Afterwards the cultural exhibition took place. This was probably the most memorable event of the congress since most countries represented their traditions in the most colourful way.

Day six: Egypt is a beautiful historical country and our tour was very fun, and

educational. We were taken all over Cairo including the Pyramids. In the evening the closing reception was well organized and at a very nice setting. Thanks and appreciation to all who were involved with the local organisation.- a very memorable Congress in a beautiful country.

Mischa Dohler
mischa@ieee.org

IEEE SBC 2002

Report by Muhammad Majed
Chairman IEEE Student Branch
Higher Technological Institute

SBC and GOLD events were success). We had some difficult times but it worked. At our SB not only we helped in organizing the SBC & GOLD but also we invited about 60 participants to our campus at the 10th of Ramadan City. They included SBs from Belgium, Bosnia & Herzegovina, Greece, Italy, Jordan, Macedonia, Malta, Netherlands, Norway, Palestine, Romania, Russia, South Africa, Spain, Sultanate of Oman and Turkey.

In a short seminar we presented some of our activities in order to exchange ideas and motivate other new student branches. We also made two factory visits and tours in two industrial establishments "Ceramica Cleopatra factory" and EPICO



SBC Delegates and hosts relax at Cairo Higher Technical Institute May 2002.

factory in the city.

We organized a One day seminar, with the Region 8 coaches Kurt Richter and Margaretha Eriksson who conducted workshops on Leadership and Project Management program at the our campus. It was great.

We miss all the SBC/GOLD friends we hope we keep in-network with them always.

Muhammad Majed

*Chairman IEEE Student Branch
Higher Technological Institute
Egypt +2 010 100 32 33
mohamed@ieee.org*



Representative from Egyptian SB's and Egypt GOLD, at Faculty of Engineering, Alexandria Univ.

“Women In Engineering” Lecture

IEEE SBC-2002 Cairo

May 2002

“Female engineers are getting ahead in business life, and women are no longer one single person out of hundreds of men.

Still there are obstacles, as employers believe family life and career are incompatible, and could cause problems in the workplace. On the other hand, many women are studying engineering, and make successful careers today, in spite of traditional views on who is in charge of child care.

This included engineering students from all over region 8, from Russia, Arabic countries as well as western Europe.”

*Report on “Women in Engineering”
by Margaretha Eriksson,
past Sweden Section Chair*

Alexandria SB

3rd Egyptian Student Branches Meeting

20-21 March 2002

On 21-22 March 2002, the Alexandria Univ. SB hosted The Third Egyptian Student Branches Meeting (ESBM 2002) at the Faculty of Engineering.

Representatives from seven Egyptian universities, in addition to both Electrical and Computer Engineering departments in Alex. Univ. took part in the event. The

attendance was more than 180 students, mostly non-members.

The program included several seminars, Leadership Training Workshops (LTW) and tours.

“IEEE, its organization, competitions and the contribution of Egyptian students in them” by Nahel Amira, Egypt Student Representative.

“Resume writing and how to be prepared for an interview” presented by Prof. Mohamed Ashraf.

Prof. Said E. El-Khamy, IEEE fellow and head of Elect. Eng. Dept. gave a session about the IEEE membership grades.

“Mass Media Awareness Program” by Yasser Abdel Moneim, SB member.

“How to fund your student branch” presented by Mohamed About, GOLD Affinity chairman.

Each student branch gave a presentation about its past activities and future plans.

During the 2 days, it was a chance for SB's to exchange opinions and discuss problems face them and how to overcome them.

Apart from lectures and workshops, we organized a tour at Bibliotheca Alexandrina which is an integrated cultural complex, with libraries, museums and exhibition areas. In the evening, SB's officers enjoyed a free tour in the city.

This meeting resulted in formation of Egyptian Student Branches committee with a representative from each SB, in addition to GOLD representative. One of its first tasks was organizing the SBC 2002 which was to be held in Egypt.

Thanks to everyone who made this meet-

ing possible: Prof. Mohamed A. Ismail, Faculty Dean, Prof. Said El-Khamy, Elect. Eng. Dept. Chairman, Prof. Hossan Shalaby, SB Counselor, Prof. Mohamed El-Banna, Alex. Subsection Student advisor. Also thanks to all those who took part in the meeting.

*Report By Mohamed Fathy,
Chair of Alexandria Univ. IEEE SB
mohamed.fathy@ieee.org*

Ibadan Nigeria SB

It all began in the year 1997, the zeal to register an IEEE SB on campus was given the best of all drives. The Premier Society of the University of Ibadan was formally commissioned on May 1, 2002, and given the baton to run the race slowly but steadfast. We receive grace from Him who has kept us thus far!

*Reporting Officer,
Funso-Adebayo John Oyewole
funso@ieee.org
Dept of Elect/Elect Eng'g,
Faculty of Technology,
University of Ibadan.*

NNAMDI AZIKIWE UNIVERSITY, SB Three Great!

A seminar on GSM PRINCIPLES AND POSITIONING; outing -technical trip to Port Harcourt Refining Company, Ltd (the largest crude oil refining plant in Nigeria), and hosting of the IEEE Nigeria section meeting (February 2002).

More great activities to come — SPAC (October '02), maiden issue of the Branch newsletter (September '02), movie night etc I wish to invite you all to the SPAC — just notify us of your interest to and leave the rest to us.

But why all these GREAT! — just want to burn into your memory space that we are and will like to be referred to as the “GREAT NAUSB”.

*Igboanugo Charles c.
Chair, Nnamdi Azikiwe University
Student branch, Awka.
anugo@ieee.org*