Brian Harrington
Candidate for the position of Region 8 Treasurer: 2009 to 2010

BRIAN R HARRINGTON
Chartered Electrical Engineer
Director and Independent Consultant in Process, Interim, and Project Management.

Senior Member of IEEE.
Fellow of IET (IEE) the United Kingdom national society.

Brian Harrington elected to follow a four year honours degree in advanced technology at Brunel University in the United Kingdom. He was then sponsored by Industry for a post-graduate research programme in Numerical Analysis at Brunel to develop digital simulation tools to resolve the surge problem inhibiting progress in capital power engineering design and manufacture. He was awarded the Principal of the College prize for progress in Physics and Mathematics at Southall College.

Professional Progress:

Brian is a Senior Consultant and retained by leading commercial and financial organisations in Europe and the United States for systems, process and project management. He is the Director of a fully incorporated company in the U.K. offering these skills; and is Director and Life Fellow of an organisation for independent consultants.

Senior management positions held include: technical manager of a large central electronic complex (computing and data communications) supporting five manufacturing units and seven base warehouses; principal systems engineer for British Aerospace Air Weapons (De Havilland aircraft); senior systems engineer for British Aerospace Dynamics (Weapons, Aerospace, and Communications); design and development engineer of large power transformers.

Typical successes have included the development of a downstream economic modelling system for British Gas International for capital investment in power station construction, gas liquefaction and its international transport, telecommunications, and the retail distribution of energy. An early large computer multi system network was established (IBM) between the U.K. and Germany. The tuning of the International data centre of Xerox took $1,000,000 off their BMSQ expense line.

A design for the Research Information Unit of BBC global monitoring at Caversham Park needed the integration of advanced technologies; with satellite and video capture for news broadcast.

IEEE Contributions:

Brian joined IEEE in 1963 for access to AIEE / IEEE publications for post graduate study and has continued his membership without a break. Volunteer positions that have been held include:

UKRI (United Kingdom and Republic of Ireland) Section Chair; Section Treasurer; Computer Chapter Chair; Professional Communication Chapter Chair; UKRI Newsletter Editor; UKRI Executive Committee Member; Recipient of Section Growth Award; Recipient of IEEE Third Millennium Medal; Facilitator and Presenter at IEEE Sections' Congresses (Toronto, Puerto Rico and Denver); Member of 'The Institute' Editorial Board; Member of Region 8 OpCom; Treasurer: IEEE Region 8.

Statement:

Region 8 is a challenging operation. It has succeeded in sustained membership growth and technical activity in spite of recent pressure resulting from the decline of the US Dollar.

There are many postulations and personal opinions of how our growing Region should be organised in the future. The Treasurer should use his breadth of experience gained in Senior Management positions to contribute to the discussion in OpCom and the presentations to the Region 8 Committee. He should take the independent position where he feels that this is overwhelmingly in the interest of the Region, the Region 8 Committee, and the members.

Costas Stasopoulos
Cyprus Section Past Chair
Candidate for Region 8 Secretary

My first encounter with IEEE and its mission dates back to 1985 when as a student of Electrical Engineering at Rutgers University USA, I joined the IEEE Rutgers Student Branch and have been a member of IEEE since then. I am one of the founding members of the executive committee of the IEEE Cyprus Section which was established in 1995. It has been a great honour for me to have climbed the ranks of the Executive Committee, from regular member to Treasurer, later on to the position of the Secretary and finally to the position of the Chair. In all my years of service I have eagerly represented the Cyprus Section in numerous events that took place in both my country and abroad. I am very thankful to have been given the opportunity to be actively involved in Region 8 meetings and events. I have also been in charge of the organisation of several Conferences (IEEE and non IEEE), seminars and lectures throughout my years of service. I have been the Newsletter Editor of the Cyprus Section and have contributed to a great extent to the preparation and maintenance of the Cyprus Section WEB Page. During the past five years I have tried to give special emphasis to our 'pre-college student outreach program' by organising various events in which pre-college students were invited and briefed by engineering professionals

At present I am the Chairman of the Communications/Computer Chapter in Cyprus, and have been so for the last 6 years. I can proudly say that the past year has been a very fruitful one as we have managed to organize more than 16 very successful lectures, seminars and other events.

Since October 2007, I am the IEEE Region 8 Secretary after being elected at the Region 8 Committee Meeting in Bucharest. I have tried to organise and run the Region 8 events in an efficient and productive way.

I have received my B.Sc. in Electrical Engineering from Rutgers University, New Jersey in 1987 and then a Masters degree in Business Administration (MBA) in 1992. At present I work as an Assistant Area Manager in the Electricity Authority of Cyprus and I am in charge of the Planning Department. I am married and have two daughters ages 14 and 12.

As the secretary of Region 8, I would like to work harmoniously with each and every member of the committee and all the diverse Sections in order to organize all IEEE events and activities, efficiently and effectively, while maintaining focus on each event's goals. I would like to think that my experience throughout all my years of service at IEEE has proven that I do have a special ability to bring people from various countries and societies together successfully and also draw all necessary resources to create an added value in what I am about to pursue. Aligning my many years of experience in the IEEE methods and mentality and also my personal traits, I hope and promise to work hard to serve the IEEE and our huge Region in a way that will add value to all the members of IEEE.

Eva Maria Lang -
Candidate for IEEE Region 8 Vice Chair Student Activities

Diploma (07) – Computer Science
Researcher at University of Passau, Germany
Faculty of Informatics and Mathematics,
Institute for Software Systems in Technical Applications of
Computer Science

Short biography

Eva Lang lives in Passau, Germany. She holds a diploma degree in
Computer Science (2007) from the University of Passau. She was on
student exchange in Tacoma, Washington as part of her pre-college education.
In 2008 she started working as a researcher at the Institute for Software Systems in Technical Applications of
Computer Science at the University of Passau. Her main interests lie in the field of computer vision, texture and
pattern recognition. She also serves as the female representative for the Faculty of Informatics and Mathematics.
Eva got involved with the IEEE Student Branch Passau in 2004, and shortly became Student Branch Chair
hosting the Region 8 Student Branch Congress. She was appointed Germany Section Student Representative. In
2007, Eva became member of the Region 8 GOLD Committee, using her volunteer experience to foster
activities outside the university walls and create a network linking the GOLD Affinity Groups all over Region 8.

IEEE Student Member (04), IEEE Member (07)

REGION: IEEE R8 GOLD Coordinator 2008, R8 GOLD Committee member since 2007, IEEE Membership
Development Committee Member 2008, IEEE R8 Web Task Force 2007-, IEEE MGA GOLD Committee
Member 2008

GERMANY SECTION: Germany Section Student Representative 2005

STUDENT BRANCH: University of Passau, SB Chair, 2004-2005; SB WIE AG Chair 2006-2007

CONFERENCES: IEEE R8 Student Branch and GOLD Congress, Passau 2004, Paris 2006, London 2008,
Organization Team Member; IEEE International Workshop on Quality of Service 2005 Passau, Organizing
Team Member

OTHER: Member of Computer Society, Signal Processing, Robotics and Automation Societies; Member of
IEEE WIE and IEEE GOLD Affinity Groups

Position Statement:

I believe that students are the future of the IEEE. Throughout the last years, Region 8 has shown a very positive
trend in both student membership and student activities. This trend needs to continue. Many good incentives on
student branch level have been made - however, most of these on a very limited and local scale. The biennial
Student Branch and GOLD Congress is a good basis for exchanging ideas and solutions to common problems
between branches. But student membership means a lot more.
Being involved in the congresses in 2004, 2006 and 2008 I discovered that there should be even more
interaction between branches within the section and the region. Most students have not even heard about IEEE
outside of their university's walls and are not aware how much they gain by participating in both the everyday
student branch life as well as in activities beyond the local scope. Promoting active membership is one thing I
want to focus on.

As I count myself to the group of recently graduated, I also want to strengthen the collaboration between students and GOLD as well as students and WIE. Especially the transition from student to professional life is a very important stage for our young members where many possible IEEE full members get lost.
Keeping these within the IEEE family is one of my goals.

Emine Gokce Aydal

PhD in Computer Science
University of York
York / UK
E-mail: aydal@ieee.org

Emine Gokce Aydal obtained her BSc in Computer Engineering in Middle East Technical University, Ankara/ Turkey. She, then, worked in ASELSAN (Ankara/Turkey), Bluefire AG (Bern/Switzerland) and REUTERS (Geneva,Switzerland). She received her MSc in Software Engineering with distinction in University of York, UK where she stayed to continue research as a PhD student funded by EPSRC in co-operation with Qinetiq, UK. Having received Gibbs Award for 4-month overseas visit, she worked with Mark Utting in Waikato University (Hamilton/New Zealand) between October 2007 and March 2008. Her research interests include model-based test case generation, test coverage criteria, validation of formally-verified software systems, agile development in formal environments.

IEEE Involvement

Her active involvement in IEEE started in University of York as the Student Branch Chair.
Achievements:
- Led the team of 16 people in organizing the first ever IEEE Student Congress in the UKRI (United Kingdom and Republic of Ireland) Section held in June, 2006.

- Recieved 2007 IEEE *R8 Larry K. Wilson Award*, and University of York is nominated as one of the three *Outstanding Student Branch*es in Region8.

- The IEEE Student Congress in the UKRI received *IEEE Foundation award* for revitalising the student branches in the UKRI Section and expanding the knowledge about IEEE within students studying in the UK or Republic of Ireland.

As a member of ISBIR (IEEE Student Branch Industry Relations) Task Force team:
- Involved in strategic planning for the integration of ISBIR to IEEE
- With the team in York, organised the 'Meeting with Industry' session that was attended by company representatives from Google, Lockheed Martin, Praxis HIS, Transitive, etc.
- Presented the ISBIR program in various different universities in New Zealand, Malaysia, UK, Turkey and in various Region8 Meetings (Sofia'07, Bucharest'08)

In April 2008, she received *Outstanding Achievement Award* from the UKRI Section for her efforts to increase the student membership within the section. She is currently membership development team member in UKRI.

In October 2007, she is appointed as the Region8 Student Branch Co-ordinator. As part of this role, she

- Guides the existing student branches on how to be active, how to obtain more funding for the activities they organize and how they can jointly organize events with other student branches in their area.
- Oversees the preparation of the Student Branch Congress (SBC) in London in August, 2008.

She is also the co-organiser of the IEEE Career Horizons event (http://ieeecareerhorizons.com) organized together with IEEE Media to be held in London in September the 1st.

Statement

The IEEE community has been a true family to me for years. As a researcher, I have benefited from the IEEE services such as online digital library, conferences, etc. I decided I wanted to be more involved within the organisation not only to give something back to this community but also to develop myself as a person. I therefore put myself forward for the position of branch chair at the University of York and I held this position for 2 years. I was then appointed Region8 Student Branch Co-ordinator, which is the position I currently hold. Over these years, whilst organizing events for IEEE, promoting the services of IEEE, or just socialising with members of IEEE, I have gained numerous skills such as time management, team leading, preparation of an event, negotiation with people in industry and preparing and delivering presentations. Attending the meetings both at sectional and regional levels has given me the opportunity to observe the rules and bylaws applied within the organization.

I believe in our community. Given the proper guidance and support, I am sure that the students in Region8 can & will be motivated to be active IEEE members.

If I am given the opportunity, I would like to
- Improve the level of communication between the Region8 and the student branches by increasing the number of channels used.
- Reach the universities without student branches
- Make the current benefits and services of IEEE visible/easily accessible
- Encourage student involvement through events

I am excited by the growing number of students and young professionals within IEEE. I am committed to increasing the organisation's presence further within the Region8 student community. I really look forward to continuing my work within IEEE and believe I can make a significant contribution as the Vice Chair of Student Activities Committee.

Dr. Pilar Molina Gaudó (Senior Member'05) was born in Zaragoza (Spain) in 1974. She is currently full time Associate Professor (permanent position) of the Department of Electronics and Communications at the University of Zaragoza, Spain. She obtained her Telecommunications Engineer degree in 1997 and Ph. D. Thesis in 2004, both from the University of Zaragoza. Her research field is radio frequency class-E power amplifiers for wireless applications. She is a member of MTT and CAS Societies (among others) for many years, where she has several publications.

She is a devoted IEEE volunteer since 1999. She was elected Region 8 Student Activities Vice-Chair in October 2002 and re-elected in October 2003 by the Region 8 Committee. Therefore, she served in the Region 8 Committee, the IEEE- RAB Student Activities Committee and the R8 OpCom in 2003-04. After that, she has served as member of the Education Activities subcommittee of the Region and R8 GOLD coordinator in 2007. She is currently and since 2002, counselor of the Universidad de Zaragoza Student Branch.

Founder member, secretary and treasurer of the IEEE Women in Engineering Chapter in Spain, the first international WIE Chapter. The issue of women and technology is also one of her main fields of interest. She has been a member of the IEEE Women in Engineering Committee of the IEEE Board from 2001 to 2005.

She was member of the IEEE History Committee in 2004 and 2005, a member of the R8 Education Activities Subcommittee in 2006, and now she is member of the GOLD Committee as R8 delegate.

She is now and since 2007, also MTT Society volunteer. She participates in the Membership Development Committee in charge of Student Membership development and retention and as member of the GOLD activities group of the Society.

In her ("not-only") free time, Pilar is the mother of Carmen (3 years) and Pilar jr. (less than 2 years).

BORIS LEVITAS

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Candidate for MDA Vice Chair
Nominated by Region 8 N&A Committee

Boris Levitas was born in 1947 in Vilnius, Lithuania.
He received his M.Sc. degree in Vilnius University in theoretical Physics at the Department of Physics in 1969. Boris received his Ph. D. degree in Kaunas Polytechnic Institute in Radio Measuring Devices in 1981.
After graduation of Vilnius University he was in Soviet Army as Lieutenant, Telecommunication and radio monitoring platoon leader Commander. From 1971 till 1990 he worked in Vilnius Research and Development Institute of Radio-measuring instruments, holding position from engineer to senior research officer in sampling oscilloscopes and UWB units design.
From 1988 till 1995 he was organizer, technical director and director of research-and-production company Zondas. From 1995 till now - President and CEO of research-and-production company Geozondas, Head of the projects on UWB Sampling oscilloscopes, Ground Penetrating Radars, Time Domain measurement systems, Antenna measurement systems, RCS measurements, ISAR & SAR imaging, Head of the RADIOTECT (Framework 6) project on Ultra Wideband Radio application for localization of hidden people and detection of unauthorized objects. From October 2004 till January 2005 he worked as a Guest Professor in Delft Technical University, the Netherlands.
He is highly skilled in UWB radio electronics devises and systems, digital signal processing, electrodynamics, Time Domain measurements.
Author of more than 130 scientific works.

IEEE Activities:
IEEE Senior Member
1995 – 2000 IEEE MTT/ED/AP Lithuanian Chapter Chair.
2001 – 2004 IEEE MTT/ED/AP Lithuanian Chapter vice Chair.
Since 2005 Member of IEEE Region 8 Committee – New Section Development Chair
Organizer of IEEE MTT/ED/AP Lithuanian Chapter and IEEE Lithuanian Section.
Organizer of IEEE Sections in Lithuania, Malta, Estonia, and Latvia.

2008

SHORT CURRICULUM VITAE

João Costa Freire

J. Costa Freire was born in Lisbon, Portugal in 1951. He graduated in Electrical Engineering and received the Ph.D. degree in Applied Electronics from Instituto Superior Técnico (Technical University of Lisbon) in 1975 and 1984 respectively. In 1992 he received the degree of Aggregation also at IST. Since 1975, he is a member of the teaching and research staff at Electrical and Computer Engineering Department of Instituto Superior Técnico. Presently he is an **Associate Professor** teaching courses on Circuit Theory, Microwave and RF Electronics.

In 1984 he founded a research group on Microwave Electronics at the "Centro de Electrónica Aplicada" of the Technical University of Lisbon and in 1993 his group join the Institute de Telecomunicações (Research Institute at Instituto Superior Técnico) research line on "Radio Microwave and Millimeterwave" of the Wireless Communications Scientific Area.

His main interests are in the areas of modelling semiconductor devices, CAD of linear and non-linear high frequency and microwave circuits and design, test and integration of MMICs mainly for communication systems using silicon, GaAs and related technologies.

He was involved on the following **EU funded projects**, all related with the Mobile Broadband System (4th generation) or Satellite Systems:

- ESPRIT-CLASSIC: 1992/95 (Components for LArge Signal Sixty ghz GaAs Integrated Circuits)
- RACE-MBS: 1992/95 (Mobile Broadband System)
- ACTS-SAMBA: 1996/99 (System for Advanced Mobile Broadband Applications)
- IST-GALACTIC: 2002/2004 (Innovative Gallium Arsenide MMICs and Advanced LTCC Packaging Technologies for Multi-Component Ka-band subsystems)

He was involved in **cooperation projects with EU Universities and Research Centers**:

- ETSIT from Universidad Politecnica de Madrid (Spain): 1983-1985 (linear microwave electronics), 1988-1989 (non-linear microwave electronics) and 2007-2008 (active antennas).
- LAAS de Toulouse du CNRS (France): 1984-1993 (characterization of high frequency devices for microwave monolithic integrated circuits and of MOS power devices for switching applications).
- Dipartamento di Elettronica da Universitá di Roma II (Italy): 1986-1990 (microstrip circuits design)
- Universidad de Cantabria (Santander - Spain) and Universite de Limoges (France): 1994-1997 on the EU Human Capital Mobility MTT Network (Microwave Technology for Telecommunications).
- Technical University of Eindhoven (The Netherlands): from 2004 (SiGe MMICs for LMDS system)

Due to his activities he has published over 80 publications in the form of Journal papers, Conference Proceedings papers, pedagogical notes and technical and research reports.

J. Costa Freire was member of the Organizing Committee of "2nd Symposium on Telecommunications Electronics" (Lisbon, 1986) and "IEEE - Mediterranean Electrotechnical Conference" (Lisbon, 1989). Was member of the Technical Program Committee of "Mediterranean Microwave Symposium" (since 2004), "European Microwave Conference" (1993 and 1994), "Journée National de Microondes" (France, 2002 till 2006) and of "International Conference on Electrical Engineering" (Coimbra, Portugal, 2005 and 2007). From 1996 till 1999 he was member of "European Microwave Conference" Management Committee.

Member of IEEE since 1981, J. Costa Freire was involved on IEEE activities as volunteer since 1985 at the Section and 1988 at Regional level: he was secretary/treasurer of the IEEE Portugal section from 1985 until 1993; from 1988 until 1990 he was appointed member of the IEEE Region 8 Committee as Section Congress Coordinator (1990 Section Congress, Toronto, Canada); in 1998 he founded the IEEE Portugal Section MTT /AP/ED/SSC Joint Chapter that he chaired until 2002 when was elected Portugal Section Chair. From July 2008 he is Portugal Section Past-Chairman.

Short Resume

Rami Talib Al-Mushcab

Saudi Aramco, P.O.Box. 2744, Dhahran 31311, Saudi Arabia
Tel. (W) 966-3-872-8716, Fax: 966-3-872-8115,
(M) 966-50-3855181, Fax:966-3-874-4444 ext. 141307

Personal: Married with 5 kids, born in 1961

Education:
- MS in Electrical Engineering, 1994, King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia.
- BS in Electrical Engineering, 1986, Tennessee State University, Nashville, Tennessee, USA.

1985-1986: Part time research assistant on a NASA'S sponsored program at Tenn. State Un. Studying the properties of Ku & Ka band switches.

Professional Experience (>21 years in Saudi Aramco):
- Have over 21 years of experience in transmission, mobile radio & satellite communications systems with Saudi Aramco Oil Company
- Current position is Computer & Communications Consultant, IT Infrastructure Planning. Responsible for development of roadmaps, investigating and recommending new technologies for deployment in Transmission backbone, wireless and satellite networks within Saudi Aramco.
- Held several management and technical positions in communications engineering department focusing in transmission and wireless networks.
- Worked for one year (1996-1997) as communications transmission engineer at MCI-WorldCom, Dallas, USA responsible for designing optical transmission networks and high-speed self-healing optical rings.

Major Key Achievements:
- Developed and overseen the implementation of a multi-phase transmission program to replace the microwave systems with over 300 of SDH nodes forming high speed self-healing fiber optic networks and DWDM systems.
- Led a team to expand the analog trunked mobile radio network to cover over 7,000 of oil & gas users as an interim solution until TETRA mobile radio program is implemented.
- Developed the plans to implement the digital mobile radio network to cover more tan 300 base station sites and represented the company at TETRA MoU meetings.
- Supervised the redesign of the international network for Saudi Aramco offices around the globe to become more robust, cost effective and reliable to cope with future challenges.
- Supervised the design and smooth deployment of the first Saudi Aramco owned VSAT network of 120 terminals in the most cost effective way.
- Led the design team to implement voice trunks over IP for the first time at 35 remote locations.
- Developed roadmaps for Transmission, Mobile Radio and Satellite networks that included the target network architecture based on IP platform and migration plan, along with other related detailed documents; "Current Baseline", "Obsolescence Management", "Business Continuity"..
- Also, developed the roadmap for security systems of all Saudi Aramco plants and facilities that covered latest remotely controlled surveillance, detection and alarm systems in addition to command and control communications system.

Other Activities:
- Published and presented several technical papers at national and international conferences in optical networks, mobile radios, and adaptive antennas.
- Mentor for 5 Specialist Development Program (SDP) candidates specializing in Wireless and Transmission systems.

- Chaired the organizing committee of the first two e-Services conferences (2005 & 2006) sponsored by the government of Saudi Arabia that included tutorials, technical papers, exhibition and key note speakers.

IEEE Related Activities:
- IEEE member for 19 years
- Senior member of IEEE
   Region 8:
      o 2008; Middle East Advisor for R8 Industry Relations Sub-Committee (IRSC)
      o 2006-2007; Chairman of R8 IRSC
      o Organized and chaired special industry session in Oil & Gas at 2007 EUROCON, Poland.
   Saudi Arabia Section:
      o 2003-2005; Industry Relations Officer (IRO) of IEEE Saudi Arabia Section
      o 1993-2002; Secretary of Communications Society Chapter of IEEE Saudi Arabia Section
   Conferences:
      o 2007; Chaired the industry track and acted as vice chair of logistical activities of the 4th IEEE-GCC in Bahrain
      o 2005; Chaired the Exhibition Committee of the 3rd IEEE-GCC in Bahrain
      o 2004; Chaired the organizing committee of the 12th IEEE TEM at KFUPM, Saudi Arabia
      o 2003; Chaired the Exhibition Committee of the 2nd IEEE-GCC in Bahrain