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111<sup>th</sup> IEEE Region 8 Committee Meeting  
Belgrade, 20-21 October 2018

IEEE Region 8 Elections 2018  
Candidates' Biographies/Activities/Statements

Hotel METROPOL PALACE, a Luxury Collection Hotel,  
Bulevar Kralja Aleksandra 69, Belgrade, Serbia

Dear IEEE Region 8 Committee members,

## **1. IEEE Region 8 2019 (and 2020) Operating Committee members**

The IEEE Region 8, 2019-2020 Secretary and Treasurer and the IEEE Region 8, 2019 Vice Chairs will be elected by the Region 8 Committee during its meeting in Belgrade, Serbia, 20-21 October 2018. At its meeting in Porto, Portugal 27 July 2018, the IEEE Region 8 Nominations and Appointments Subcommittee has decided to present the following slates (in alphabetical order), where the slates for Secretary and Treasurer contain only one name (as is permitted according to the Region 8 Operations Manual):

IEEE Region 8 Secretary 2019-2020

- Ana Maria Madureira (Portugal Section)

IEEE Region 8 Treasurer 2019-2020

- Adam Jastrzebski (UK and Ireland Section)

IEEE Region 8 Vice-Chair, Member Activities 2019

- Sara Barros (Benelux Section)
- Adeel Sultan (United Arab Emirates Section)

IEEE Region 8 Vice-Chair, Student Activities 2019

- Maciej Borówka (Poland Section)
- Ana Inês Inácio (Benelux Section)

IEEE Region 8 Vice-Chair, Technical Activities 2019

- Albert Lysko (South Africa Section)
- Sohaib Sheikh (UK and Ireland Section)

The candidates' biographies/activities/statements will be distributed to the Region 8 Committee prior to the October meeting. All candidates will be invited to attend the Region 8 Committee meeting in Belgrade in person, where they are invited to give a short presentation and where you will have a chance to interact with them prior to the election.

## **2. IEEE Region 8 2019-2020 Nominations and Appointments Subcommittee members**

The IEEE Region 8 2019-2020 Nominations and Appointments Subcommittee members will be elected by the Region 8 Section Chairs during the Region 8 Committee meeting in Belgrade, Serbia, 20-21 October 2018. At its meeting in Porto, Portugal 27 July 2018, the IEEE Region 8 Nominations and Appointments Subcommittee has decided to present the following slate (in alphabetical order), from which three candidates shall be elected:

- Habib M. Kammoun (Tunisia Section)
- Vera Markovic (Serbia & Montenegro Section)
- Sergey Shaposhnikov (Russia North West Section)

The candidates' biographies/activities/statements will be distributed to the Region 8 Section Chairs prior to the October meeting.

### **3. Concluding remarks**

For all further details please refer to the IEEE Region 8 Bylaws and the IEEE Region 8 Operations Manual, available at the Region 8 website (<http://www.ieeer8.org>) in the documents section. I particularly draw your attention to the Operations Manual R8-5: "... In the case of the R8 Secretary, R8 Treasurer and the three R8 Vice Chairs (MA, SA, TA) a candidate may be added to the slate provided by the R8 N&A Committee by a petition including the signatures of at least 15 voting members of the R8 Committee. Valid signatories comprise anyone who is or was a voting or non-voting members of the Committee during the calendar year in which the petition is submitted. If the petition is not submitted by the candidate, it must be accompanied by the written confirmation of the willingness of the candidate to serve if elected. The petition must be submitted to the Director or Secretary twenty-eight (28) days before the election is due to take place and after verification of validity, awareness of the additional candidate(s) must be made available to the R8 Committee fourteen (14) days before the election." Note that during the Region 8 Committee meeting, petition candidates from the floor will not be accepted.

Best regards,

Costas Stasopoulos,  
IEEE Region 8 Nominations and Appointments Subcommittee Chair



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## IEEE Region 8 Elections 2018

Position:	Name:	Section:
<b><u>Secretary</u></b>	Ana Maria Madureira	Portugal
<b><u>Treasurer</u></b>	Adam Jastrzebski	UK and Ireland
<b><u>VC MA</u></b>	Sara Barros Adeel Sultan	Benelux UAE
<b><u>VC Students</u></b>	Maciej Borówka Ana Inês Inácio	Poland Benelux
<b><u>VC TA</u></b>	Albert Lysko Sohaib Sheikh	South Africa UK and Ireland
<b><u>N&amp;A</u></b>	Habib M. Kammoun Vera Markovic Sergey Shaposhnikov	Tunisia Serbia & Montenegro Russia North West



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Candidate Biography/Activities/Statement  
for IEEE Region 8  
**2019-2020 Secretary**

Ana Maria Madureira

Portugal

**ANA MARIA MADUREIRA**  
**Candidate for IEEE Region 8 Secretary**



**BIOGRAPHY**

Ana Madureira was born in Mozambique in 1969. She received the B.S. in Computer Science Engineering, M.S. degree in Electrical and Computers Engineering, and Ph.D. in Production and Systems degrees in 1993, 1996, and 2003, respectively. She is Coordinator Professor in Informatics Engineering Department at the School of Engineering (ISEP/IPP) since 1994, and has a significant experience in Computer Science undergraduate/graduate courses and in master and PhD thesis supervision. She has been involved in more than 20 R&D projects from which she coordinated 3 national funding in the area of Distributed Scheduling. She has published 4 books, 1 patent and over 90 papers in scientific conference proceedings, journals and books.

The main research interests are related to the application of Optimization and Artificial Intelligence Techniques to the design of approaches based on Nature Inspired Computation for scheduling, including, MAS, Autonomic Computing, Machine Learning techniques, User modelling, Decision-Support Systems, Bioinformatics, Big Data and Data Science.

**IEEE ACTIVITIES**

COMMITTEES/BOARDS: (IEEE Major Boards and Committees)

Vice-Chair of 2013 Adaptive Dynamic Programming and Reinforcement Learning Technical Committee of the IEEE CIS and associate Editor of IEEE TNNLS since 2012.

Member of ISATC of the IEEE CIS since 2010.

Member of ADRL-TC of the IEEE CIS since 2010.

Member of Global Perspectives Ad hoc Committee since April 2015.

REGIONS: (Region 8)

Portugal section representative (2015-2017)

University Activities Coordinator for IEEE R8 Educational Activities Subcommittee – EASC (2017-2018)

SECTIONS/CHAPTERS:

Founder member of Portuguese IEEE CIS Chapter in 2005.

Portuguese IEEE CIS Chapter chair (2008-2010).

IEEE Portugal Section Vice-Chair (2012-2014).

Founder member of Portuguese IEEE SMC Chapter in 2015.

IEEE Portugal Section Chair (2015-2017).

CONFERENCES:

Chair of 12 conferences, special session organizer, scientific and program committee of several international conferences.

OTHER: (Society Memberships)

Society Memberships includes:

- . IEEE Computational Intelligence Society
- . IEEE Education Society
- . IEEE Women in Engineering
- . IEEE Systems, Man, and Cybernetics Society

Date

## QUALIFICATIONS

IEEE member since 2005

IEEE senior member since 2010

Founder of Portuguese IEEE CIS Chapter in 2005

Founder of Portuguese IEEE SMCS Chapter in 2015

IEEE CIS Portugal Chapter: Chair from 2008 to 2010

Portugal Section: Chair (2015-2017), Vice-Chair (2011-2014)

## MAJOR ACCOMPLISHMENTS

1-As Chair of IEEE CIS Portugal Chapter, she established revitalization as main goal for the mandates. The organization of several technical activities, with the presence of internationally recognized experts in several key research areas, delivering lectures, seminars, workshops and plenary talks in national symposiums, contributed to that goal.

2-As Chair of IEEE Portugal Section she is greatly contributing to the development of the Section. Her continuous support to Chapter's revitalization, Membership Development, Conferences Organization and Students&YP activities can be easily found on the recent history of Portugal Section. From all those activities the following can be highlighted:

- IEEE Engineering Day: Created in 2015
- Leadership Camp(LC): Founded in 2014, successor of the Portuguese SB Congress
- TISP:In 2015 the 1<sup>st</sup> TISP Portuguese Challenge was created.

The national IEEE Engineering Day: Created on 2015, with the next edition scheduled for October 2018, IEEE Engineering Day is an IEEE event open to both academic and industrial communities with the collaboration of the Portuguese National Engineering Association. All chapters are invited to participating by submitting talks and posters to the event.

Leadership Camp: Founded in 2014, successor of the Portuguese Student Branch Congress, LC is a weekend where members from all student branches participate in both hard and soft skills workshops. During that weekend all members are trained by former Student Branch Officers for the duties they will experience during that year as newly elected SBs Officers;

TISP2.0: In 2015 the 1st TISP Portuguese Challenge was created and will soon be repeated. With the collaboration of high schools from all over the country, pre-university students perform typical TISP activities together and competing for a prize;

Many other activities can be mentioned.

## POSITION STATEMENT

My main concerns are the empowering of IEEE R8 members on the Engineering Recognition to foster technological innovation and excellence for the benefit of humanity, taking advantages from the 3 V's: **Vitality, Visibility and Voluntary.**

As new global challenges arise, considering current economic, social, political and humanitarian situation involving R8 countries I will work hard to contribute to the IEEE mission and increase value for all members and its communities. If elected, I would devote the best of my efforts to support:

- R8 Committee and R8 OpCom with collaborative and efficient tools that contribute to a greater involvement and an effective communication;
- and help R8 Committee and Region 8 OpCom to stimulate the cultural diversity of Region and to create a fruitful platform for the ideas, good practices and experiences exchanging, that should lead to innovation, rejuvenation and specially the visibility improvement of R8 activities;
- and propose new initiatives for agile coordination of activities to build a closer cooperation between R8 Committees, OU's and with national/international organizations intending the IEEE mission accomplishment;
- and contribute to the R8 Committee and R8 OpCom meetings dynamics with timely, quality information and collaborative agendas contributing to its effective and productive results.



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Candidate Biography/Activities/Statement  
IEEE Region 8  
**2019-2020 Treasurer**

Adam Jastrzebski

UK and Ireland



**ADAM JASTRZEBSKI (M'88, SM'03)**  
**Candidate for IEEE Region 8 TREASURER**



**BIOGRAPHY**

Adam graduated with M.Sc. degree in Electronics (1st) from the Warsaw University of Technology in 1975 and worked there as a lecturer until 1981. He then came to the University of Kent at Canterbury (UKC) as a British Council scholar. Adam was a dedicated and successful educator, researcher and administrator and subsequently, he became a Reader in Electronic Engineering at UKC. As head of a large research group (GaAs Simulation and Design), he managed all its operations, which included leadership, planning, budgeting, finances and staff. The Group was one of the pioneers in the development of non-linear microwave time-domain CAD algorithms and modelling and characterisation of microwave FETs. A number of software/hardware products were commercially exploited through his consultancy company. Adam has over 80 research publications in refereed journals and conference proceedings. Currently semi-retired Visiting Professor at ESIGELEC, Rouen, France, and local councilor at Throwley, Kent, UK.

**IEEE ACTIVITIES**

- Region 8 Vitality Coordination (Financial Reporting), 2016-18
- Region 8 Assistant Treasurer, 2015
- Region 8 Voluntary Contribution Fund, 2015
- Region 8 Membership Development Subcommittee, 2010-2012
- UK and Ireland Membership Development Chair, 2003-2012
- MTT Society Membership Development Committee - Membership Data, 2002-2006
- Technical Program Committee and the prize award board of the 31 European Microwave Conference in 2001
- Member of Microwave Theory and Techniques Society, Communications Society, Electromagnetic Compatibility Society.

**QUALIFICATIONS**

In the last three years Adam has gained good working knowledge of IEEE financial procedures, IT systems, regulations, and Region 8 Committee work. He has also established good working relations with section treasurers across the Region and with IEEE Finance staff. His past experience, while running a small consultancy company, included direct control of financial and legal matters, including investment planning, accounting, budgeting, invoicing, payments, customer contracts and taxes. At UKC, Adam gained extensive administration experience (departmental Director of Learning and Teaching, Director of Graduate Studies, chairman of various committees) as well as project management skills (leader of a number of large co-operative research projects). Adam is proficient in using spreadsheet software and financial packages such as NetSuite and Sage.

**MAJOR ACCOMPLISHMENTS**

Adam considers the improvement in the Region 8 financial reporting in the last two years as a major achievement, to which he contributed through systematic collaborative work with section treasurers and IEEE Finance team. While in 2015 only 77% of the Region's GEO units submitted their financial reports on time, it was 100% in 2017 and 2018. In the same period, the number of sections qualifying for the 10% bonus has doubled to 94%.

Recently, Adam has successfully managed the resolution of the disputed areas of the France Section 2016 IEEE Internal Audit Report.

While volunteering in the Membership Development area, Adam led many successful membership recruitment and recovery campaigns and developed easy to interpret analytical MD reporting style.

## ADAM JASTRZEBSKI

### **POSITION STATEMENT**

I am convinced that with my experience, knowledge and practical skills I will be able to fulfill the duties of the Region 8 Treasurer as described in R8-4.5 Operations Manual. Our Region is very diverse, with different needs, motivations and expectations. I believe I have the interpersonal and technical skills to produce solutions in such environment.

If elected, I intend to devote more time to financial management of the Region, including providing up-to-date information and advice to R8 budget holders.

Another issue I intend to address is further simplification of the sections financial reporting by automatic linking of local multilingual/multicurrency financial software with the IEEE corporate finance system. My good working relationship with IEEE Finance will help with this.



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Candidates' Biographies/Activities/Statements  
for IEEE Region 8  
**2019 Vice Chair, Member Activities**

Sara Barros  
Adeel Sultan

Benelux  
UAE

## **SARA PENA BARROS**

### **Candidate for IEEE Region 8 Vice Chair Member Activities**



#### **BIOGRAPHY** [100-150 words]

Sara Pena Barros, born and raised in Portugal, living in The Netherlands. Received her MSc in Electronics Engineering and Telecommunications in 2013, having spent her first 3 undergraduate years at the University of Aveiro, Portugal, and her last two years at Technische Universiteit Eindhoven, The Netherlands. Her studies culminated with a full-year research project “OFDM for Data Distribution in Phased Array Antennas” in collaboration with Thales Nederland B.V., for which a patent application was filed. After graduating, she continued with the company and joined their ‘Surface Radar – Strategy, Technology and Innovations’ group in Delft as an Advanced Development Engineer. There, she is involved in several projects and studies related to the development of advanced waveforms, target classification algorithms and Integrated Topside Design.

#### **IEEE ACTIVITIES**

COMMITTEES/BOARDS: (IEEE Major Boards and Committees)

MGA Young Professionals Committee Member, 2017-2018

TAB AdHoc Committee on Design for Ethics, YP Representative, 2017

REGIONS: (Region 8 and others)

Region 8 Young Professionals Committee **Chair**, 2017-2018

Region 8 Young Professionals Committee member, 2015-2016

SECTIONS/CHAPTERS:

Benelux Section, Young Professionals Affinity Group **Vice-Chair**, 2015-2016

STUDENT BRANCHES:

Portugal Section, Universidade de Aveiro Student Branch **Chair**, 2010-2012

Portugal Section, Universidade de Aveiro Student Branch Secretary, 2009-2010

CONFERENCES:

Organising Committee of European Microwave Week, Young Professionals in Microwaves, 2018

OTHER: (Society Memberships and positions)

#### **QUALIFICATIONS** [100-120 words]

I've been a member and active volunteer for almost 10 years now. Since day 1 that I have been involved with the local Organisational Units up to a Regional and Global level in the last 4 years. My main focus has been on Students and Young Professionals, which has given me the chance to learn in first-hand what is needed to achieve member satisfaction in this large segment of our membership, but also given me the opportunity to tackle one of our biggest challenges, which is membership retention and vitality of the existing OUs. As a member, am a Young Professional woman in Industry, thus providing an unique perspective while touching the domain of most of the current SubCommittees under Member Activities.

30-06-2018

## **MAJOR ACCOMPLISHMENTS [100-120 words]**

- As Secretary and Chair of the Universidade of Aveiro Student Branch (2009-2012), I and the team have revitalised a dying OU, re-launched the oldest IEEE robot competition in the Region and introduced cross-organisational collaboration with the fellow student associations to multiply our impact.
- As Vice-Chair of the Benelux Young Professionals Affinity Group (2015-2016), I and the team have identified the major challenges of keeping such a group in a 3-country Section with abundance of financial support and opportunities from several entities external to IEEE and worked on composing a diverse and versatile team with a foot on each border and technical domain. This has increased the visibility of IEEE in the Technical Universities and interest in its networking and career advancing potential.
- While a member of R8 Young Professionals, the team has achieved a notable improvement on the vitality of our OUs by working on a personal guidance/training method of the volunteers on the ground. In parallel, we have extended the net of Cross-Sectionals and spinned-off programs as the Event Exchange Program (which is now global) and the YP Newsletter, which is now in its 4th edition. Retention rate has increased and the visibility of the Young Professionals program is now wide spread across the Region.
- As a Chair of R8 Young Professionals, I've led the team to develop a sustainable framework for the (Cross-Sectional) Student and Young Professionals Congress by drafting and getting approving of a new funding and selection criteria, as well as a set of rules/requirements for hosting such a Congress. The personal guidance/training method, introduced in the previous years, contributed to a complete set of vital YP AGs and enabled the formation of 5 new ones. Parallel to the coordination of our volunteers, we have developed and implemented two brand projects aimed at industry members (IEEE, Connecting Experts) and entrepreneurs (R8 Entrepreneurship Initiative), now in their pilot phase.

## **POSITION STATEMENT [100-120 words]**

Region 8 is very close to my heart. I have been a volunteer from day 1 and, even after starting my job 5 years ago, with all the chaotic experience that that can be, continued to spare most to all of my free time to IEEE. Although often offered to take on different volunteering positions throughout the years, I like to stay dedicated to a single one at a time (as you can see in the IEEE Activities section). This allows me to put in 100% of my efforts and creativity on the job at hand. That's what I intend to do if elected to be Vice-Chair for Member Activities. I've grown in the cultural challenges our Region offers and face personally most of the causes driving our members to leave; for this reason, I believe I have the needed volunteering and personal experience, as well as the necessary energy and fresh ideas to boost our membership retention and members' satisfaction with the help of the several teams.

**FIRSTNAME LASTNAME: Adeel Sultan**  
**Candidate for IEEE Region 8: VC - Member Activities**

**BIOGRAPHY**

By profession, I am a microelectronics engineer with over 20 years of experience managing the High-Technology & Smart Education related projects. I am a certified PMP, CIPM, MPM and a Fellow of American Association of Projects Management. I have pioneered many business process enhancements & strategies at my corporation. I was involved in developing a unique in-house portfolio management application for which I received numerous accolades. I also proposed and implemented a unique knowledge-sharing platform for disseminating information, which resulted in an exceptionally effective collaborative environment. As a technology enthusiast and professional, I regularly speak at various events & forums and am currently a part of different technical/editorial boards and many innovation committees. I have also served in various positions on committees responsible for the development & enhancement of cutting-edge educational technologies. Furthermore, I serve as an advisor/chair on a board for organizing technical events and seminars. I am also a regional representative of the Canadian Consulate in UAE and an active member of various professional organizations, including IEEE & PMI.



**IEEE ACTIVITIES**

**Current:**

**Chair- Member Activities, United Arab Emirates Section**

Chair- Member Engagement Committee, United Arab Emirates Section

Chair- Membership Development, United Arab Emirates Section

Treasurer, United Arab Emirates Section

**Past Chair-Membership Development - Region 8**

Region8 MDC – MGA-MRRC

Region8 Rep, MGA-Admissions & Advancement Committee

Past Chair- Professional Activities, United Arab Emirates Section

**Previous:**

**Chair-Membership Development SC - Region 8**

Chair- Membership Development, Ottawa Section (**Region7**)

Vice Chair- GOLD Ottawa Section (**Region7**)

Member of board & CFO: IEEE-GCC conference

Member: IEEE WCET Development Team

Member: MGA Member Benefits & Portfolio Committee

Member: Multiple conferences, particularly IEEE-GCC

Member: Multiple societies over the years (Computer, Communication etc.)

Region 8 – Outstanding Volunteer Award 2015

UAE – Best Volunteer Award

UAE – Multiple Section Awards

IEEE GCC – Leadership Award

**QUALIFICATIONS**

Most of my positions within IEEE have been related to the most honorable/vital task of **servng its members**. Some of my current roles include: **Past-Chair-MD - Region8, Chair-MA – UAE, Chair-MD– UAE, Chair-MEC – UAE, Treasurer – UAE, Member - MGA/MRRC & Member- MGA/A&A**. I am extremely well versed with IEEE policies & procedures and have employed all sorts of modern communication technologies in my work, thereby adapting quickly to the changing times in order to efficiently cater for the needs and requirements of all my members.

**MAJOR ACCOMPLISHMENTS**

I have held various executive positions within IEEE (UAE & Ottawa section, in Region8 Excom & MGA). My exceptional efficiency & professionalism in all those positions, have not only resulted in the growth of respective sections but also in the enhancement of their credibility. In UAE for example, I have managed to raise the stature of technology in general and IEEE in particular. For my outstanding services I was awarded the **“Region8 – Outstanding Volunteer Award”** and have received multiple awards from UAE Section, GCC Region and various educational/technical organizations around the globe.

Date

**Serving as Chair-MA (UAE) and Chair-MD (UAE & Region8):** I have been extremely pivotal in looking after the betterment of IEEE members. Under my leadership as Chair/MA & Chair/MD, the UAE section has seen consistent growth. I introduced novel ways to promote the membership & went out of my way to assist the members/potential-members in need. I added that extra personal touch to my role which resulted in a significant increase in membership and which was evident in the recursive retention of members, and the reception of multiple MGM section and student branch awards. Furthermore, as Chair-MD-Region8, while facing tough situation during the severe global downturn, I still managed to keep membership at reasonable levels while also recording growth in some sectors. Region8 being very diverse & multi-cultural, had its own unique issues, however, through my vast experience, my frequent communication to members and through my bespoke solutions to sectional issues, I successfully managed the phenomenal requirements & expectations of the regional member-base.

**Serving as Chair-MEC-UAE:** I introduced the idea of, and single handedly established the "Member Engagement Committee" to create a smart network of ambassadors in every organization and educational institution within the UAE. This resulted in phenomenal exposure for IEEE and amazing increase in member satisfaction, retention and recruitment.

**Serving as Section Treasurer:** I have seamlessly taken care of the section's finances covering all aspects from budgeting to invoicing and payments and I have not only financially managed the numerous section events and activities but also complex and very high budget international conferences within the region.

**Serving as Chair-PA:** I have been actively working towards the career and personal development of people within the region. As such, I was instrumental in introducing and developing the sectional DLP program, organizing many lectures & speeches within the section. I was also involved in bringing the teacher-in-service-program to the region and also participated in arranging the region8 meetings in UAE. Moreover, I myself also give talks through multiple forums while fully using the opportunity to promote IEEE. Being very passionate about mentoring and knowledge sharing, I am not only an active member of the IEEE eCareerMentorship program but also provide my services through other platforms.

**Serving as Member/MGA-MBPAC & MGA-AA:** I am greatly influencing/driving the set of changes required to enhance the member benefits portfolio/policies for member satisfaction, advancement and career growth. In these positions I have successfully highlighted the specific challenges and requirements of Region8/Global members and ways in which MGA can adopt/incorporate, to not only augment global membership but also to satisfy expectations of diversified region8 members.

My major accomplishments speak for themselves and are a testament to my commitment and to the huge success I have achieved in all my roles.

## POSITION STATEMENT

I have been volunteering for IEEE for well over a decade now and have mostly been involved with the biggest "asset" of all: **Our Valued Members**. Having spent all these years working for the betterment of members in various MD related positions, I have become extremely well versed with the needs and requirements of the members (especially of diversified region8 members) and also quite familiar with the IEEE business model. I believe that region8 is very dynamic and versatile in nature, with each section having its own set of needs and challenges which cannot be alleviated by a single "one size, fits all" solution - therefore, resolution has to be generic but "customizable" for each section. Accordingly, working with MGA-MBPAC/AA, I am influentially advocating to upgrade the member benefits portfolio keeping in mind the dynamics of other regions outside of USA. Moreover, I am also currently spearheading a retention & recruitment campaign with a unique blend of Topdown/Bottom-up methodology (jointly with Student/Technical/Industry/Education) and planning to arrange multiple & elaborated MD workshops. As Chair-PA, I also recently proposed the joint effort and collaboration between MD & PA for the future growth of sections and regions. I am also working closely with the Education sector to enhance learning and promote smarter education. This clearly indicates that I am not only well aware of all the different domains within the **VC-MA** role (**MD, YP, PA, HA, LM, WIE, RN**) but also have significant clarity to make it further efficient through **collaborative team efforts**. Moreover, a proposal that I submitted to IEEE Leadership regarding my suggestions related to industry & Secondary Education was very well received. Similarly, I also implemented a very proactive AFI process and am working diligently to promote industry involvement locally as well. Its evident that we are currently living in a constantly changing world and therefore to be competitive, I would want to ensure that we adapt to the changing environment in the most effective manner and implement the best model for a win-win situation both for our members and for IEEE in general. As such, I would like to contribute further on a larger & more authoritative scale, where my experience can be utilized to design & implement the most efficient membership benefits & satisfaction model, thereby exceeding member expectations and resulting in the overall growth of IEEE, both regionally & globally.

My vast experience and continuous aspiration to serve IEEE members, coupled with my passion to serve humanity by instilling technological benefits and by disseminating useful knowledge, certainly qualifies me for the above position.



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Candidates' Biographies/Activities/Statements  
for IEEE Region 8  
**2019 Vice Chair, Student Activities**

Maciej Borówka  
Ana Inês Inácio

Poland  
Benelux



## **Maciej Borówka**

**Candidate for IEEE Region 8 2019 Vice Chair, Student Activities**

### **BIOGRAPHY**

Maciej Borówka is a PhD Student at AGH University of Science and Technology in Krakow, Poland in field of Electronics. He received his Masters and Engineer degree in Electronics and Communication (2012) at Faculty of Computer Science, Electronics and Communication, AGH University of Science and Technology. In 2006 Acquired right to the profession of Electronic Technician (Krakow's Technical High School 2006). Consultant, founder of 2 startups, technical English teacher, lecturer and researcher at AGH UST in Krakow. Currently pursuing Soft Skills Certification at Rochester Institute of Technology, New York. Toastmaster. His biggest achievement - he developed not-invasive cure for Tinnitus.



### **IEEE ACTIVITIES**

#### **COMMITTEES/BOARDS:**

IEEE EAB EPICS in IEEE Global Committee Member 2012-17

MGA SAC Awards Committee Member 2015-17

IEEE TEMS YP Global Operations and Outreach Committee Member 2015-16

#### **REGIONS: (Region 8 and others)**

IEEE VOLT Graduate 2016('17)

IEEE Board of Directors/EAB Mini Series: 2014-17

IEEE Region 6 – Volunteer: IEEE VIC Summit 2018 San Francisco, IEEE WIE ILC 2016, 2018 San Jose

IEEE Region 4 – IEEE-HKN Student Leadership Conference 2017, West Lafayette, IN

IEEE Region 8 –

1st Africa Council Meeting – Tunis'18

**SBCs/SYPs** Speaker/Volunteer: Leuven'10, Madrid'12, Krakow'14 (Chair), Regensburg'16, Porto'18

**Cross-section** SBCs/SYPs: Iberian: Madrid'11, Porto'13, Madrid'15; Middle East: Beirut'13, Amman'15;

Hellenic: Nikosia'13; Tunisian: Tunis'13; UK&RI: Bath'13; Central European: Linz'11, Opole'13 Zagreb'15,

Lviv'17, Western: Eindhoven'15, Nordic: Stockholm'15 Vilnius'17, WIE ILS: Krakow'17

#### **SECTIONS/CHAPTERS:**

IEEE Poland Section Student Representative 2017-18

IEEE Day Poland Section Ambassador 2015-16

IEEE Poland Section ExCom Member 2017-18

17 National IEEE Student Meetings – Organizer/Speaker/Volunteer 2012-2018

Multiple IEEE Poland Section ExCom Meetings 2012-18

#### **STUDENT BRANCHES:**

IEEE AGH UST Krakow Student Branch Founder&Chair 2012-17

#### **CONFERENCES:**

Treasurer/Volunteer: IEEE MCE #42811, #45201

Date

**AWARDS:**

IEEE Day Photo Contest Winner 2010,

**OTHER:**

TEMS, ComSoc, Education Society

**QUALIFICATIONS**

My qualifications are based on the perfect mix of 10 years of intensive all level's Student Activities experience, way above-average knowledge about all IEEE OUs, programs and services and well-developed leadership skills and soft skills. I have gone through all student volunteer paths in almost all locations of Region 8 including Africa, Middle East, Western Europe, Eastern Europe and Central Asia. I have been trained by IEEE President Barry L. Shoop and IEEE Staff during 2016 IEEE VOLT Program. In addition, practical personal skills - fast typing, fast reading, Toastmaster, being close to students and deep respect to intercultural differences. I deeply believe that my IEEE global recognition and list of successful activities speaks for itself.

**MAJOR ACCOMPLISHMENTS**

- IEEE VOLT Graduate 2016
- Shaping future of Global EPICS in IEEE initiative (500kUSD in grants)
- Doubling number of Students (100->200) and Student Branches (5-10) in half year as Poland Section SSR
- Helping in formation of various IEEE OUs in multiple R8 Sections
- Acquiring rights to organization and organization of R8 largest Student&YP event R8 SYP'14 Congress Kraków
- Fundraising of 60k USD for R8 for Mind the Gap projects
- Fundraising of 10k EUR non-IEEE money for 21 Poland Section Students for IEEE R8 SYP Porto
- Fundraising of over 50k USD for all other IEEE activities&events.
- Supporting WIE by organization of WIE International Leadership Summit Krakow 2017
- Supporting YPs by organizing Meet-ups
- Increasing IEEE Brand visibility by organization of Women in Tech Summit Warsaw Nov 2018 (1200 participants)

**POSITION STATEMENT**

As the Region 8 2019 Vice Chair for Student Activities, basing on my 10 years of Student Activities experience, in addition to necessary and obvious managing responsibilities, I will focus on 3 main areas:

**Transparency Principle & Excellent Communication:**

- Using transparency as the guiding principle in all decisions.
- Moving "communication center of the gravity" from Section Chairs to Section Student Representatives
- Keeping perfect Communication by newsletters for SSRs, frequent e-notices and informing in advance.

**Involvement, Collaboration and Empowerment:**

- Increasing student involvement by organizing Regional/Cross-Sectional SYP Congresses
- Achieving the synergy effect by mutual collaboration and support of WIE/YP/HKN/Technical Chapters
- Empowerment of students by IEEE CLE and on-line/on-site trainings, sharing best practices and supporting local initiatives

**Expansion & Support:**

- Supporting development of student activities in Africa, Central&Western Europe and Central Asia, which are currently not in the spotlight
- Increase awareness of Sections how students can participate in formation/activities/development of Section's YP/WIE Affinity Groups and Technical Chapters

**ANA INÊS SILVA INÁCIO**  
**Candidate for IEEE Region 8 Vice Chair Student Activities**



**BIOGRAPHY**

Ana Inês Inácio, born and raised in Covilhã, in Portugal and currently living in The Netherlands. Received her MSc degree in Electronics and Telecommunication Engineering from University of Aveiro, Portugal, in 2013. During her Master, she was an Erasmus Student at Eindhoven University of Technology, where she developed her Master assignment in collaboration with Thales Nederlands B.V.. She is currently part of the Integrated Circuit Design group, at University of Twente, where she is pursuing her PhD degree in Electrical Engineering. Her research focus on Microwave and RF circuits, more specifically on improvement of the linearity of high power RF transmitter chains. On her spare time, she also loves to dance, read and wandering around.

**IEEE ACTIVITIES**

REGIONS: (Region 8 and others)  
Region 8 Student Representative, 2017-2018

SECTIONS/CHAPTERS:  
Benelux Section, Young Professional Affinity Group Chair, 2015-2016

STUDENT BRANCHES:  
Portugal Section, University of Aveiro Student Branch Vice-Chair, 2010-2012  
Portugal Section, University of Aveiro Student Branch Treasurer, 2009-2010

**QUALIFICATIONS**

Almost since the day I have become a member, I have been actively working as a student volunteer, either at a branch level, section or (now) at the Region level. Alongside my studies, I have always been very interested in bringing awareness to how powerful networking can be, in making your dreams come true. Being a volunteer as a bachelor, as a master and as a PhD Student, allowed me to slowly build a strong basis of involvement with students and their needs, with the academic personnel and also with some industry members.

**MAJOR ACCOMPLISHMENTS**

- Revitalization of the University of Aveiro Student Branch (UASB), our vision and ambition lead to the organization of different events, at the university such as robot competitions, distinguished speaker lectures, technical lectures and at section level, by participating in TISP and SBC events, and organizing and hosting the first Portugal Section Meeting. UASB is still to this day, a very active student branch.
- Revitalization of the University of Twente SB, organization of numerous technical talks. Collaboration with different student branches from other technical universities, within Benelux. Collaboration with student associations and PhD networks from universities, within Benelux.

Date

- As Region 8 Student Representative, I was able to work at both Region and MGA level. In Region 8, my main contributions were towards improving the organization of both the Cross Sectional (XSYP) and the Student and Young Professional (SYP) Congresses by drafting the minimal requirements to be the host (in case of the XSYP) and the criteria for selection and funding, in the case of SYP. Elaborating on the manual that includes the first steps after the formation of a SB, that is currently being used by MGA. At an MGA level, the active participation in the MGA SAC meetings, by overall engaging in the meeting and actively trying to find solutions to improve the student membership benefits and enhance the role of our student volunteers, in the IEEE organization.

## **POSITION STATEMENT**

Students are the future of IEEE. My goal as a Student Activities Vice-Chair will be to use my experience, knowledge and network to bring to our students as many opportunities as possible so that they get acquainted and understand their role, in our society and in the world. I will focus on working around to set new limits to the student membership benefits, increase the collaboration with the sub-committees and continue the Branch Rejuvenation Project by targeting and assisting the OUs in risk of getting into probation. In short, my ultimate goal is to assist, challenge and inspire as many motivated students and members to bring their valuable contribution to our society.



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Candidates' Biographies/Activities/Statements  
for IEEE Region 8  
**2019 Vice Chair, Technical Activities**

Albert Lysko  
Sohaib Sheikh

South Africa  
UK and Ireland

# For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

**ALBERT A. LYSKO**, PhD, SMIEEE

## **Candidate for IEEE Region 8 Vice-Chair: Technical Activities**

Presently

**Chair:** IEEE South Africa Section

**Principal Researcher:** Council for Scientific and Industrial Research

Pretoria, South Africa

<http://www.linkedin.com/in/albertlysko/>



## **BIOGRAPHY**

Dr. Albert Lysko is an engineer, researcher and innovator. He is with the Council for Scientific and Industrial Research (CSIR), Pretoria, South Africa since 2007, where he is a Principal Researcher.

Dr Lysko worked in both academia and industry in both Europe and Africa. Whilst at CSIR, his leading experimental research in television white spaces (TVWS) provided Internet to over 20,000 users in 3 African countries and enabled and setting up South African national TVWS regulation and contributed to TVWS regulations in other African countries and USA. He has authored over 60 research papers, over 24 popular and news articles, a book, 2 book chapters, 3 patents, and led producing several technology demonstrators.

His professional achievements have been recognized through delivering plenary and keynote talks, as well as in serving in the General Chair and Technical Chair roles in several IEEE conferences with total attendance of over 400 people.

## **CURRENT IEEE ACTIVITIES:**

- Chairman: IEEE South Africa
- IEEE South Africa Section Awards & Recognitions Committee Chair
- IEEE 5G Testbed Roadmap Working Group (WG) member
- IEEE Region 8 Membership Development (MD) committee member
- IEEE AP-S Education committee member
- IEEE AP-S SIGHT committee member

## **FULL LIST OF IEEE ACTIVITIES, with accomplishments**

### **Region 8:**

- Member: IEEE Region 8 Membership Development sub-committee (2018-)

# For IEEE Region 8 Vice-Chair: Technical Activities, 2019

## Region 8 (Europe, Middle East and Africa)

- Initiator and co-organizer of the IEEE Region 8 Membership Development workshop in Cape Town in 2018 (<https://ieeer8.org/category/membership-development/>)
- Member: IEEE Region 8 Committee (2017-)
- Member: IEEE Africa Council organizing committee (2017-)
  - Ensured better clarify and compliance of the Africa Council bylaws with the MGA Operations manual and set tangible targets to the kick-off meeting

### **IEEE South Africa Section:**

*Dr Lysko has been organizer and co-organizer for over 40 IEEE and IEEE supported events held between 2007 and 2018, which have attracted over 1000 people.*

- Chair: IEEE South Africa Section (2017-2018)
  - Lead organizer for a Senior membership elevation process including a series of 9 Senior membership elevation workshops in 3 provinces in South Africa, which received 96 attendees supported by over 20 Advisors and over 40 References (<http://www.ieee.org.za/ieee-senior-membership-elevation-workshops-south-africa-may-2018>)
  - Lead organizer for a day long "IEEE Session" for training local and international volunteers (<http://africon2017.org/special-sessions/#ieee>) which received 33 attendees
  - introduced guidelines for supporting conferences ran in South Africa (<http://www.ieee.org.za/organizing-ieee-sponsored-conferences-south-africa>)
  - Initiator and co-organizer of the IEEE Region 8 Membership Development workshop in Cape Town in 2018 (<https://ieeer8.org/category/membership-development/>)
  - has organized inspirational and attendance/training opportunities for Section volunteers (in IEEE R8 Meetings, in IEEE POCO'17 and IEEE SC'17)
  - Set up information/guidance web pages
    - for the conferences supported by IEEE in South Africa (<http://www.ieee.org.za/ieee-supported-conferences-south-africa-2018>)
    - How to join/renews IEEE in South Africa (<http://ieee.org.za/joiningrenewing-ieee-south-africa-options-discounts>)
    - Differences between IEEE-Eta Kappa Nu (IEEE-HKN) Chapters and IEEE Student Branches (<http://www.ieee.org.za/key-differences-between-ieee-eta-kappa-nu-ieee-hkn-chapters-and-ieee-student-branches>)
    - Cooperation with IEEE Africa Area/Council and IEEE units in neighbouring countries (<http://www.ieee.org.za/africa-specific-neighbouring-ieee-organizational-units-info>)
    - Cooperation between IEEE South Africa and the Engineering Council of South Africa (ECSA) (<http://www.ieee.org.za/ecsa-membership-discounts-ieee-members>)
    - Reporting for Chapters, Affinity Groups and Student Branches (<http://www.ieee.org.za/reporting-chapters-ags-sbs>)
    - Operating IEEE-Eta kappa Nu (IEEE-HKN) Chapters (<http://www.ieee.org.za/operating-ieee-eta-kappa-nu-ieee-hkn-chapters>)
    - Setting IEEE aliases (<http://www.ieee.org.za/setting-ieee-email-addressalias>)
    - Seek and get IEEE funding (<http://www.ieee.org.za/ieee-funding>)

# For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

Overall, under Dr Lysko's leadership, IEEE South Africa Section achieved the following:

- increased membership by 7% to around 1100 members
  - had 65+ events attended by 2400+ people, also 7% increase
  - supported 10 conferences
  - signed MoU with South African Institute of Electrical Engineers (SAIEE)
  - promoted and made active use of IEEE R8 Voluntary Contribution Fund (VCF)
  - actively participated in forming IEEE Africa Council
  - got 8 new Senior members
  - IEEE South Africa Jt. AP/MTT/EMC Chapter received "Best Chapter Award" from IEEE MTT
  - A Section member obtained USD20k funding from IEEE Foundation
  - A Student Branch got funding from NSTF proSET
- Chair: IEEE South Africa Section Awards and Recognitions (2016-present):
    - successfully running processes for SAIEE – IEEE South Africa Joint Award
    - organized two Section-sponsored awards / training opportunities for Section volunteers
  - Vice-Chair: IEEE South Africa Section (2015-2016)
    - Set up the guide for inviting and hosting IEEE Distinguished Lecturers (<http://www.ieee.org.za/inviting-ieee-distinguished-lecturer-dl-south-africa>)
    - Set up a web page to assist members to become IEEE Fellows (<http://www.ieee.org.za/becoming-fellow-ieee-top-grate-ieee-membership>)
  - VTools Chair: IEEE South Africa Section (2012)

## **IEEE South Africa Joint AP/MTT/EMC Chapter:**

- Past Chair: IEEE South Africa Joint AP/MTT/EMC Chapter (2015-2016)
- Chair: IEEE South Africa Joint AP/MTT/EMC Chapter (2013-2014)  
*Organized and co-organized 22 IEEE events between 2011-2014, and also:*
  - Set up the guide for inviting and hosting IEEE Distinguished Lecturers (<http://www.ieee.org.za/inviting-ieee-distinguished-lecturer-dl-south-africa>)
  - Set up a web page for the Chapter (<http://www.ieee.org.za/apmttemc-joint-chapter>)

## **QUALIFICATIONS**

Technical activities (TA) form the foundation of IEEE and its value for the members. Albert Lysko has extensive experience in and served to increase and improve TA since 2011. He has organized over 40 events attended by over 1000



## For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

people, served as the General Chair: ICACCE'16, Technical Chair: IEEE Region 8 Africon 2017 (R8 flagship conference), Co-organizer: IEEE South Africa Jt. AP/MTT/EMC Chapter conferences, and worked in several standardization committees (incl. 145, 1900-6a). As the South Africa Section Chair, he has successfully coordinated activities of over 50 volunteers and set conference guidelines for IEEE supported conferences in South Africa. He has also worked in Society committees, including being a Founding member: IEEE AP-S Online resources subcommittee, Member: IEEE AP-S Education committee and IEEE AP-S SIGHT committee member.

### Major IEEE Accomplishments

Albert Lysko has been active in IEEE leadership at Section and Regional level. He worked with the IEEE Africa Area towards successful approval of the IEEE Africa Council, co-organized IEEE Region 8 flagship conference Africon 2017 and two more international conferences, with total attendance of over 700 people, and co-organized the Membership Development workshop in March 2018. In the South Africa Section and Chapter roles, Albert has organized and co-organized nearly 40 events including over 30 technical events, attended by nearly 1000 people, and succeeded in increasing Section membership and strategically developed Section volunteer leadership, enabling higher familiarity with IEEE technical and other resources at grassroots level.

### Position Statement

IEEE is a great organization founded on passion-driven quality and technical activities, and built by working together. We need to widen member participation and understanding of opportunities and benefits for all members globally. I serve the IEEE and its members and with your support, we will be the change that we want to see in our organization.

As IEEE Region 8 Vice-Chair for Technical Activities, I will seek to:

- Strengthen the link between IEEE MGA, Region 8 and IEEE Technical and Educational Activities and related value propositions;
- Further improve coordination, visibility and level of IEEE conferences and Chapter-driven events, their activity, and overcome challenges caused by recent changes in European and IEEE privacy rules;
- Bring forward better understanding of geographic, cultural, political, economic and technical diversity in our region;
- Enhance programmes to support our member's careers and professional development;

## For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

- Strengthen relations with European institutions and national associations throughout Europe, Africa, Middle East and Asia;
- Support standardization and industry related activities and strive to increase value of IEEE for industry and industry participation.

I look forward to being instrumental in empowerment for all our members and volunteers, which will reinforce our strength to deliver the best for our members and humanity at large, within one global IEEE.

### **Society, Council and Standards Association Memberships:**

- IEEE Antennas and Propagation Society Membership (17 years)
- IEEE Microwave Theory and Techniques Society Membership (17 years)
- IEEE Communications Society Membership (12 years)
- IEEE Standards Association Individual Membership (9 years)
- IEEE Electromagnetic Compatibility Society Membership (6 years)
- IEEE Broadcast Technology Society Membership (6 years)
- Green ICT Community, IEEE (6 years)
- IEEE Signal Processing Society Membership (4 years)
- IEEE Aerospace and Electronic Systems Society Membership (2 years)
- IEEE Sensors Council (2 years)
- IEEE Systems Council (2 years)
- Past memberships
  - IEEE Computer Society Membership (4 years)
  - IEEE Geoscience and Remote Sensing Society Membership (1 year)
  - IEEE Intelligent Transportation Systems Society Membership (1 year)

### **Technical Conferences, Courses and Events:**

*Dr Lysko has been organizer and co-organizer for over 40 IEEE and IEEE supported events held between 2007 and 2018, which have attracted over 1000 people.*

- Technical Chair: IEEE Africon 2017 (Region 8 flagship conference with over 200 talks)
- General Chair: 3rd IEEE International Conference on Advances in Computing, Communication and Engineering (ICACCE-2016) with over 140 submissions and 70 talks
- Co-organizer for the European School of Antennas (EsoA) course «Antennas for Radio Telescopes» held in South Africa in 2016 (19 student and 7 lecturers from Africa and Europe) and co-sponsored by IEEE AP-S
- Conference co-organizer: South African IEEE Joint AP/MTT/EMC Chapter Conference 2014 held in Pretoria in May 2014 (over 90 attendees)

## For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

- Special Technical Session Main organizer and Chair: "Cognitive Radios, Dynamic Spectrum Management and ... Digital Dividend" at the conference IEEE Region 8 Africon 2011, Zambia (25 submissions; 12 presentations; 2 presentations won "best paper" awards, out of 5 such awards in this conference)
- Leading positions in many international conferences encompassing all areas of Region 8, since 2008

### News articles

*Overall, Dr Lysko has initiated, published or contributed to publishing 24 news articles. The below are samples of IEEE and IEEE related newsletters.*

In IEEE Region 8 and other IEEE news

- IEEE Region 8 News, November 2014, p. 7: [http://ieeer8.org/wp-content/uploads/2012/04/r8news\\_201411.pdf](http://ieeer8.org/wp-content/uploads/2012/04/r8news_201411.pdf)
- IEEE Region 8 News, August 2014, p. 7 [http://ieeer8.org/wp-content/uploads/2012/04/r8news\\_201408.pdf](http://ieeer8.org/wp-content/uploads/2012/04/r8news_201408.pdf)
- IEEE Region 8 News, September 2015, p. 5 [http://ieeer8.org/wp-content/uploads/2012/04/r8news\\_2015\\_09.pdf](http://ieeer8.org/wp-content/uploads/2012/04/r8news_2015_09.pdf)
- IEEE Region 8 News, June 2018, p. 6 [http://ieeer8.org/wp-content/uploads/2018/05/r8news\\_2018\\_06.pdf](http://ieeer8.org/wp-content/uploads/2018/05/r8news_2018_06.pdf) (mentions)
- IEEE Antennas and Propagation Magazine, August 2017, News section on p. 9.: "New Antennas for Radio Telescopes Course Held in South Africa».

In IEEE-related news in other media

- "CSIR staff celebrates with IEEE 125 years of technology excellence", CSIR Sciendaba, Vol. 49, No 3, Dec 2009
- "IEEE Distinguished Lecturer visits CSIR and Meraka" in CSIR Intraweb, 25 July 2012
- «CSIR and Stellenbosch University experts present first course on Antennas for Radio Telescopes,» in CSIR intraweb, 24 Jan 2017. Available online at <http://intraweb.csir.co.za/news/articles/2017/2017.php> (contributor)
- «CSIR and Stellenbosch University experts present first Antennas for Radio Telescopes course,» in CSIR extraweb, 20 Jan 2017. Available online at <https://www.csir.co.za/csir-and-stellenbosch-university-experts-present-first-antennas-radio-telescopes-course> (contributor)
- «New Antennas for Radio Telescopes course held in Stellenbosch,» in SKA INSIDE INFO, Issue 24 17 February 2017 (contributor)
- «Antennas for radio telescopes course launched at Stellenbosch University», news article published by Dataweek Electronics & Communication Technology on 22 Feb 2017. Available online at <http://www.dataweek.co.za/56730n> (contributor)

# For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

## **Web pages set up for/within IEEE South Africa Section and its Chapters**

- Guidelines for supporting conferences ran in South Africa <http://www.ieee.org.za/organizing-ieee-sponsored-conferences-south-africa>
- Conferences supported by IEEE in South Africa <http://www.ieee.org.za/ieee-supported-conferences-south-africa-2018>
- How to join/renews IEEE in South Africa <http://ieee.org.za/joiningrenewing-ieee-south-africa-options-discounts>
- Differences between IEEE-Eta Kappa Nu (IEEE-HKN) Chapters and IEEE Student Branches <http://www.ieee.org.za/key-differences-between-ieee-eta-kappa-nu-ieee-hkn-chapters-and-ieee-student-branches>
- Cooperation with IEEE Africa Area/Council and IEEE units in neighbouring countries <http://www.ieee.org.za/africa-specific-neighbouring-ieee-organizational-units-info>
- Cooperation between IEEE South Africa and the Engineering Council of South Africa (ECSA) and discounts available <http://www.ieee.org.za/ecsa-membership-discounts-ieee-members>
- Reporting for Chapters, Affinity Groups and Student Branches <http://www.ieee.org.za/reporting-chapters-ags-sbs>
- Operating IEEE-Eta kappa Nu (IEEE-HKN) Chapters <http://www.ieee.org.za/operating-ieee-eta-kappa-nu-ieee-hkn-chapters>
- Setting IEEE email and aliases <http://www.ieee.org.za/setting-ieee-email-addressalias>
- Seek and get IEEE funding for students and humanitarian projects <http://www.ieee.org.za/ieee-funding>
- Guide for inviting and hosting IEEE Distinguished Lecturers <http://www.ieee.org.za/inviting-ieee-distinguished-lecturer-dl-south-africa>
- Becoming IEEE Fellows <http://www.ieee.org.za/becoming-fellow-ieee-top-grade-ieee-membership>
- Guide for inviting and hosting IEEE Distinguished Lecturers <http://www.ieee.org.za/inviting-ieee-distinguished-lecturer-dl-south-africa>
- IEEE South Africa Joint AP/MTT/EMC Chapter page <http://www.ieee.org.za/apmttemc-joint-chapter>

## **BRIEF SUMMARY OF RECENT NON-IEEE ACHIEVEMENTS**

- The leadership in the experimental research work on Television White Spaces (TVWS) provided Internet connectivity to over 20,000 users in 3 African countries and enabled setting up South African national TVWS regulation.
- Plenary,

## For IEEE Region 8 Vice-Chair: Technical Activities, 2019 Region 8 (Europe, Middle East and Africa)

- Plenary speaker in international conference ET CMOS 2017, held in Warsaw, Poland, 28-30 May 2017, a keynote talk in local conference, a total of 15 invited talks including 6 at international events, plus several invited lectures/tutorials at local international events
- South African representative in EU Cooperation in Science and Technology (COST) Action CA15104 «Inclusive Radio Communication Networks for 5G and beyond (IRACON) from Mar 2017
- South African representative in EU Cooperation in Science and Technology (COST) Action IC1102 «Versatile, Integrated, and Signal-aware Technologies for Antennas» (VISTA) in 2012-2016
  - This included organizing invited talks in South Africa and co-organizing of the European School of Antennas course “Antennas for Radio telescopes” held in South Africa
- Authorship for over 60 research papers, over 20 popular and news articles, a book, 2 book chapters, 3 patents and led producing several technology demonstrators
- Best paper award in the conference IEEE Region 8 Africon 2015

## **SOHAIB SHEIKH**

**Candidate for IEEE Region 8 Vice Chair, Technical Activities**



### **BIOGRAPHY**

(100-150 words, without IEEE activities, please do not exceed the upper word limit, only the first 150 words will be printed)

Sohaib Sheikh is a Digital Consultant with multidisciplinary, cross sector, global consultancy experience. He has expertise in strategy, design, implementation, and commissioning of large-scale complex information & communications systems on high profile, major international capital investment programmes, particularly in the commercial property and sport sectors across United Kingdom, Middle East, and Russia. He currently works at Ove Arup and Partners Ltd in London, UK as a Digital and Smart Buildings Consultant.

Sohaib is also a UNESCO UK Expert in the field of telecommunications and networks under the UK National Commission for UNESCO and attended City University London where he earned a MSc in Telecommunication and Networks.

### **IEEE ACTIVITIES**

#### **COMMITTEES/BOARDS:**

#### **1. IEEE Educational Activities Board (EAB)**

2016-18	Member, IEEE Educational Activities Board
2018	Chair, Section Education Outreach Committee
2016-18	Member, Awards and Recognition Committee
2016-17	Chair, Pre-University Education Coordinating Committee
2016-17	Member, Section Education Outreach Committee
2016-17	Member, EPICS in IEEE Committee
2016-17	Member, Engineering, Computing and Technology Portals Strategy Committee
2015,18	Member, Pre-University Education Coordinating Committee
2014	Representative and Speaker, IEEE Standards Education at IEEE Sections Congress

#### **2. IEEE Industry Engagement Committee**

2018	Member, IEEE Industry Engagement Committee
2018	Member, Industry Publications and Corporate Partnership Sub-Committees

#### **3. IEEE Humanitarian Activities Committee**

2017	Member, IEEE Humanitarian Activities Committee
2017	Chair, Education Committee

#### **REGIONS: (Region 8 and others)**

#### **1. IEEE Region 8**

2017-18	Chair, Educational Activities Sub-Committee
2012-16	Member, Educational Activities Sub-Committee
2012-16	Chair, Pre-University Works (Sub-)Sub-Committee
2012	Member, Student Activities Committee

01 July 2018

## **2. IEEE Region 10**

2010-11 Industry Relations representative, GINI Committee (Pakistan)

### SECTIONS/CHAPTERS:

#### **1. UK and Ireland Section**

No official positions held but conducted the following key activities to rejuvenate student and YP activities on the request of the Section Chair.

- 2016 Re-vitalized Young Professionals Committee by bringing in an active team and writing their Operations Manual based on a request from the Section
- 2016 Wrote Professional Activities Committee Operations Manual based on a request from the Section
- 2011 Chair, UK and Ireland Section Student Branch Congress - It was the first congress held since 2007 and played a major role in activating student activities in the Section.

### STUDENT BRANCHES:

#### **1. City University London**

2012 Student Branch Mentor - Initiated the student branch and organized the IEEE Workshop on Engineering Standards with IEEE Standards Association

#### **2. Queen Mary, University of London**

2011 Student Branch Vice Chair - Organized Section student congress, 24-hr venue and proctor for IEEE Xtreme for SBs all over London who wanted to participate, and many other lectures and workshops.

#### **3. National University of Computer and Emerging Sciences (NUCES), Karachi**

2009-10 Student Branch Vice Chair - Chaired a 5-day national competition, increased membership by 56% and initiated 03 student branch chapters.

2008-09 Treasurer - Maintained finances of the student branch.

### CONFERENCES:

**TEMSCON 2016** Member, Program Committee

**ICIET 2010** Chair, Organizing Committee, and Member, Program Committee,

### AWARDS:

- 2018 Finalist, Management Consultancies Association Young Consultant of the Year Award
- 2017 IEEE MGA Young Professional Achievement Award
- 2016 Inducted into IEEE-HKN 'in recognition of excellent scholarship'.

OTHER: (Society Memberships)

### **Global (Society Level)**

#### **1. IEEE Technology and Engineering Management Society (TEMS)**

2015-16 Member-at-large, TEMS Board of Governors  
2015-16 Chair, Young Professionals Committee  
2015-16 Member, Conference Committee  
2015-16 Member, Nominations and Appointments Committee  
2015-16 Member, Membership Activities Committee  
2015 Member, Education Activities Committee  
2014 Member, Membership Activities Committee

## **Region (Society Level)**

### **1. IEEE Communication Society**

2013 Member, Membership Activities Committee

## **QUALIFICATIONS**

(100-120 words, specific qualifications for the position the candidate is running for)

The VP of technical activities in Region 8 is responsible for Chapters, Conferences, Educational Activities, Standards and Action for Industry. I believe I'm qualified for this position based on:

**Experience** - I have demonstrable experience in all areas at different levels within IEEE. I have also been a member of the Region 8 committee since 2012 and have good relations with majority of the Sections.

**Knowledge** - I have a good understanding of IEEE governance procedures, key contacts in various Boards and knowledge of the wider IEEE strategy.

**Impact oriented approach** - As demonstrated in the last 6 years in R8, I focus on pragmatic and outcome based programs which have a attestable impact on member experience and our goals.

## **MAJOR ACCOMPLISHMENTS**

(100-120 words, major IEEE accomplishments)

1. Transformed educational activities in Region 8 from a committee with a relatively small footprint in the region to an active committee with activities being held in majority of the sections, 700-1000 teachers being trained annually, local programs being promoted to regional level, and increased level of interaction with Action for Industry to promote continuing education programs;
2. Helping to create corporate partnership packages for IEEE;
3. Leading the prioritization strategy for IEEE's Pre-University activities at EAB resulting in lean, cost-effective and impact oriented programs. This resulted in the sun-setting of two programs, introduction of three new programs and revamp of the remaining programs.
4. Helping to rejuvenate student and young professional activities in IEEE UK and Ireland Section.

## **POSITION STATEMENT**

(100-120 words)



The membership of IEEE and Region 8 has been dropping steadily over the past years. In fact, IEEE members from industry dropped from 60% to 35% between 2005 and 2017. My vision is to facilitate increase in membership and enhance volunteer and member experience by transforming technical activities through:

**Industry** – Complementing our technical activities with industry relevant content, and preparing Region 8 for the upcoming major updates to IEEE industry strategy i.e. corporate partnerships and new style industry focused events among others.

**Alignment** – Increasing interaction between our sub-committees and their respective boards to align their activities further and foster closer cooperation.

**Impact** – Evaluating the impact and performance of our sub-committees through KPIs to establish a benchmark and improving upon it.



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Candidates' Biographies/Activities/Statements  
for members of the  
**2019-2020 IEEE Region 8 Nominations  
and Appointments Subcommittee**

Habib M. Kammoun  
Vera Markovic  
Sergey Shaposhnikov

Tunisia  
Serbia & Montenegro  
Russia North West

## Habib M. KAMMOUN

### Candidate for IEEE Region 8 Nominations and Appointments Subcommittee



#### BIOGRAPHY

Habib M. Kammoun (IEEE Graduate Student'06, Member'12, Senior Member'15) received M.Sc. and then PhD degree both in computer science in 2005 and 2015 respectively, from the National Engineering School of Sfax (ENIS), University of Sfax, Tunisia. He is an Assistant Professor with the Department of Computer Science, Faculty of Sciences - University of Sfax, Tunisia. Habib is currently the Sfax's department director of the Virtual University of Tunis.

He is member of the REGIM-Lab. (Research Groups in Intelligent Machines), University of Sfax. His research interests include Intelligent Systems, MultiAgent Modeling and Simulation, Fuzzy Logic, Ant Colony Optimization, Reinforcement Learning, Vehicle Route Guidance System, Road Traffic Simulation. Habib is a program committee member within several international conferences.

#### IEEE ACTIVITIES

- Committees / Board
  - o IEEE MGA Training Committee (Member 2017 – 2018)
  - o IEEE Gaining Global Perspectives on Conferences and Events Ad hoc Committee (Member 2015-2016)
- Regional
  - o IEEE Region 8 Strategic Planning Subcommittee (Member 2015-2016)
  - o IEEE Africa area committee (Member 2016-2018)
  - o IEEE Region 8 Professional Activities SubCommittee (Member 2014-2015)
- Society
  - o IEEE IAS Student Branch Chapters Area (Africa & Middle East) (Chair 2015-2018)
  - o IEEE CIS chapters committee (Member 2015-2018)
  - o IEEE CIS Student Activities Committee (Member 2013-2015)
  - o IEEE CIS Social Media Committee (Member 2011-2012)
  - o IEEE SMCS Student Activities Committee (Member 2010-2011)
- Section
  - o IEEE Tunisia section (Chair July 2015-2018)
  - o IEEE ITSS Tunisia Chapter (Secretary 2015-2016, Founder and Chair 2014)
  - o IEEE SMCS Tunisia Chapter (Chair 2015, Vice-chair 2013-2014, Treasurer 2011-2012)
  - o IEEE IAS Tunisia Chapter (Secretary 2015-2016, Chair 2013-2014, Treasurer 2011-2012)
  - o IEEE CIS Tunisia Chapter (Secretary 2015-2016, Chair 2013-2014, co-Founder and Treasurer 2009-2010)
  - o IEEE Young Professionals / GOLD Tunisia Affinity Group (Vice-chair 2013-2014, Chair 2011-2012, co-Founder and vice-chair 2010)
  - o IEEE Student Branch in ENIS (Counselor since 2013, Founder and Chair 2009-2012)
  - o IEEE Sfax Subsection (co-Founder and Treasurer 2011-2012)
  - o IEEE Computer Society Tunisia Chapter (Treasurer 2010-2012)
  - o IEEE SMCS Student Chapter in ENIS (Founder and Chair 2009-2010)

Date

## Awards

- 2016 IEEE MGA Outstanding Large Section Award
- 2015 IEEE Region 8 Outstanding Large Section Award
- 2015 IEEE Outstanding Branch Counselor Award
- 2015 IEEE IAS Outstanding Chapter Chair
- 2014 IEEE R8 Young Professionals Exceptional Volunteer Recognition certificate
- 2014 IEEE Xtreme Programming Competition, Certificate of Appreciation
- 2014 IEEE Darrel Chong Student Activity Award
- 2013 IEEE Volunteer Leadership Training (VOLT) graduate Award
- 2013 IEEE Student Enterprise Award
- 2013 IEEE GOLD / Young Professionals certificate of Appreciation
- 2013 IEEE GOLD Hall of Fame Award
- 2011 IEEE Computer Society Certificate of Completion
- 2011 IEEE Best Student Branch Award by Tunisia section
- 2011 IEEE Best Tunisia chapter Award
- 2010 and 2011 IEEE Day Photo Contest Award
- 2010 IEEE R8 Exemplary Student Branch Award
- 2010 IEEE Outstanding SMC Student Branch Chapter Award

## QUALIFICATIONS

Since the creation of the IEEE Tunisia section, and through my volunteering experience in different IEEE units, and thanks to my participation to the IEEE Volunteer Leadership Training (VOLT) program, and thanks to my experience as section chair since 7 July 2015:

- I developed several soft skills, mainly leadership, communication, and management.
- I developed good networking list of contacts at the national and international levels;
- I acquired the values of discipline, efficiency, passion, ethic, openness, team spirit, and quest for excellence;
- I received several IEEE awards at the international level through my IEEE volunteering experience.

## MAJOR ACCOMPLISHMENTS

I'm the main contributor to the development of the following IEEE events:

- IEEE Tunisian Students and Young Professionals, annual event since 2013, attracting now more than 600 IEEE participants
- IEEE CIS Summer Training School on Computational Intelligence, annual training since 2014
- IEEE TISP workshops in Tunisia, since 2014
- Organization of several distinguished lectures every year
- Organization of soft skills training workshops, since 2011

I was involved in some chapter chairs meetings and I found and co-found several chapters in Tunisia. In addition, I developed several other activities as Tunisia section chair, helping the section to become very active section worldwide and to become large section with more than 2500 members.

## POSITION STATEMENT

If selected for the position, I will do my best to accomplish the mission. I will be able to listen, analyze, think clearly and creatively, work well with the R8 N&A committee chair and members, coordinate with other R8 committees, and to better satisfy the IEEE volunteers' needs.

I'm applying for the position because I believe that, as R8 N&A committee member, I can help the region to become more active.

**FIRSTNAME:** Vera

**LASTNAME:** Markovic

**Candidate for IEEE Region 8**

Nominations and Appointments Subcommittee



## **BIOGRAPHY**

Vera Marković is a full professor at the Faculty of Electronic Engineering, University of Nis. She is the Head of Department for Telecommunications and a member of the Faculty Council. She was a member of the Team of Higher Education Reform Experts in Serbia appointed by the Serbian Ministry of Education, 2015-2018. Her research interests include microwave technologies, wireless communications, etc. She is the author of around 300 papers in scientific journals and conference proceedings. She has coordinated or participated in more than twenty research/development/educational projects financed by the Serbian Ministry, the European Commission, or various companies. She carried out six study visits in Germany and UK. She was the coordinator of international mobility programs at the University of Nis. She has served as a member of many associations and societies, boards and commissions, as well as conference program committees. She was also the Editor-in-Chief of a national scientific journal.

## **IEEE ACTIVITIES**

COMMITTEES/BOARDS: (IEEE Major Boards and Committees)

REGIONS: (Region 8 and others)

- IEEE Section Congress attended in 2017
- IEEE REGION 8: Attended a total of 7 IEEE Region 8 Committee meetings

SECTIONS/CHAPTERS:

- Chair of the IEEE Serbia & Montenegro Section, 2015-2016 and 2017-2018
- Vice-Chair of the IEEE Serbia & Montenegro Section, 2011-2012 and 2013-2014
- Secretary of the IEEE Serbia & Montenegro Section, 2007-2008 and 2009-2010
- MTT-S Chapter Officer (previously)

STUDENT BRANCHES:

CONFERENCES:

Member of the Program Committee Board of several IEEE technically co-sponsored conferences (TELSIKS, TELFOR, etc.), active support and editor of the proceedings of the student conference IEEEESTEC.

AWARDS:

- The award “Aleksandar Marincic” of the Serbian MTT Society for the best scientific contribution in the 2012 year
- Several awards for the best conference paper
- IEEE MTT Society Certificate of Recognition for the chapter activities (2003).

- Plaque of the Society for Microwave Technique and Technology
- Plaque for the extraordinary contribution to the development of the Faculty of Electronic Engineering

**OTHER:**

- Member of IEEE since 1992.
- Senior member since 2015
- Society memberships: MTT-S, ComSoc, WIE and previously also SSCS.

**QUALIFICATIONS**

Having been an IEEE member since 1992, I have extensive experience with volunteering for IEEE. In addition to IEEE, I have served as a member of many boards and commissions of other associations, e.g. national Society for ETRAN, Telecommunication Society, Society for Microwave Technique, Technologies and Systems, etc. I have been the coordinator or the member of management teams of several TEMPUS/ERASMUS+ projects funded by the EU. In particular, I would like to emphasize my experience in reviewing and evaluating process: I have been a reviewer of National Commission on accreditation and quality evaluation, reviewer of scientific/research projects financed by Serbian Ministry of Science, reviewer of many international journals and conferences and an external expert for quality assessment of an international TEMPUS project.

**MAJOR ACCOMPLISHMENTS**

During my mandate as the Section Chair, the Section was successful from the perspective of membership development. I was awarded a Certificate of Recognition (silver medal) by the IEEE Member Recruitment and Recovery Committee for outstanding achievement in member retention (2016) and a Certificate of Recognition (gold medal) for both retention and recruitment performance (2017).

In 2016, a Celebration of the 45th Anniversary of the IEEE Serbia & Montenegro Section was organized. On that occasion, I prepared a short publication named "IEEE in the Former Yugoslavia Region – a 45 Year-Long History".

Other significant accomplishments include signing a new Memorandum of Understanding between the Section and the national Society for ETRAN (2016), and establishing a new affinity group (YP, 2017).

**POSITION STATEMENT**

The success of the IEEE association depends largely on volunteers in leading positions, their qualifications, experience and enthusiasm. Therefore, in my opinion, the Region 8 Nominations and Appointments (N&A) Subcommittee plays a significant and responsible role, bearing in mind its duty to identify good candidates for elected and appointed positions and to carry out the entire nomination procedure. It would be an absolute honor if I were given the opportunity to be a member of the R8 Nominations and Appointments Subcommittee, and I would do my best to contribute to the aims and activities of this subcommittee. I would perform this role in an unbiased and fair manner.

Date: 23.06.2018



**Sergey Shaposhnikov**  
**IEEE Russia North West Section**

**Candidate for IEEE Region 8 Nominations and Appointments Subcommittee**

**BIOGRAPHY**

- Born 08.08.1949
- PhD (El. Eng.), Professor of Quality Management at Saint Petersburg Electrotechnical University “LETI”, St. Petersburg, Russia
- Author of several books and over 100 publications in Electrical Engineering, Quality Management, Quality Assurance in Engineering Education
- Vice Rector of Saint Petersburg Electrotechnical University “LETI” (1997 – 2008)
- Chair of the Accreditation Board, Association for Engineering Education of Russia (AEER)
- Member of the Administrative Board, European Network for Accreditation of Engineering Education (ENAE)
- Chair of the Academic Board, European Universities Network for Total Quality Management (2008)
- Member of the European Association for International Education
- Head of the Center for Engineering Education Development at his University

**IEEE ACTIVITIES**

- IEEE Russia North West Section Chair (till 2017)
- IEEE Senior Member (2016)
- Technical Program Committee Chair of over 10 conferences supported by IEEE
- Member of the IEEE Education Society

**QUALIFICATIONS**

Served in a wide range of administrative and volunteer positions at his University, national and international associations and networks. Extensive knowledge and experience in administrative activities, supervision of team work and projects.

**MAJOR ACCOMPLISHMENTS**

- Personal Certificates of Recognition (2015 and 2016) for outstanding achievements in member recruitment for the Russia North West Section from the IEEE Member Recruitment and Recovery Committee
- Certificate of Appreciation for Services and Contributions from the IEEE President (2016)

Date

**POSITION STATEMENT**

IEEE is a unique, universally recognized organization, and IEEE Region 8 plays an important role in its activities. To ensure this success, active, professional, honest, and reliable people must be selected and nominated to the working bodies of the Region 8.

If elected, I will bring all my experience and skills to the team work of the Region 8 Nominations and Appointments Subcommittee. Human resource management is not a simple task, it needs both professional and life experience, ability to listen to and to hear people, to work in a team.

I hope I meet these requirements. In all positions I worked, I have always been committed to continuous improvement, transparency and collegiality in taking decisions.

May 14, 2018