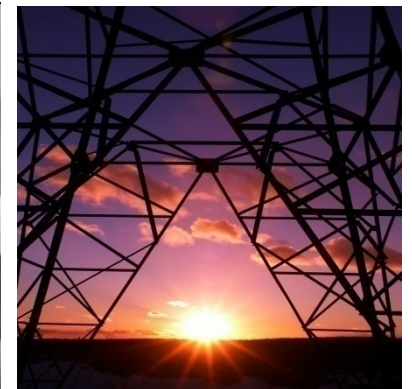
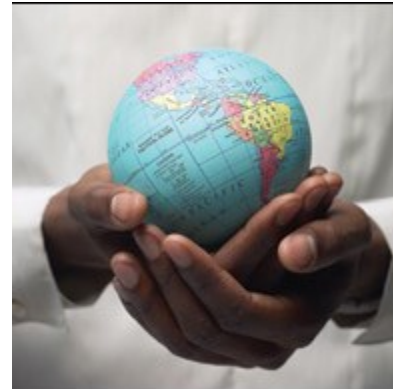


IEEE Overview



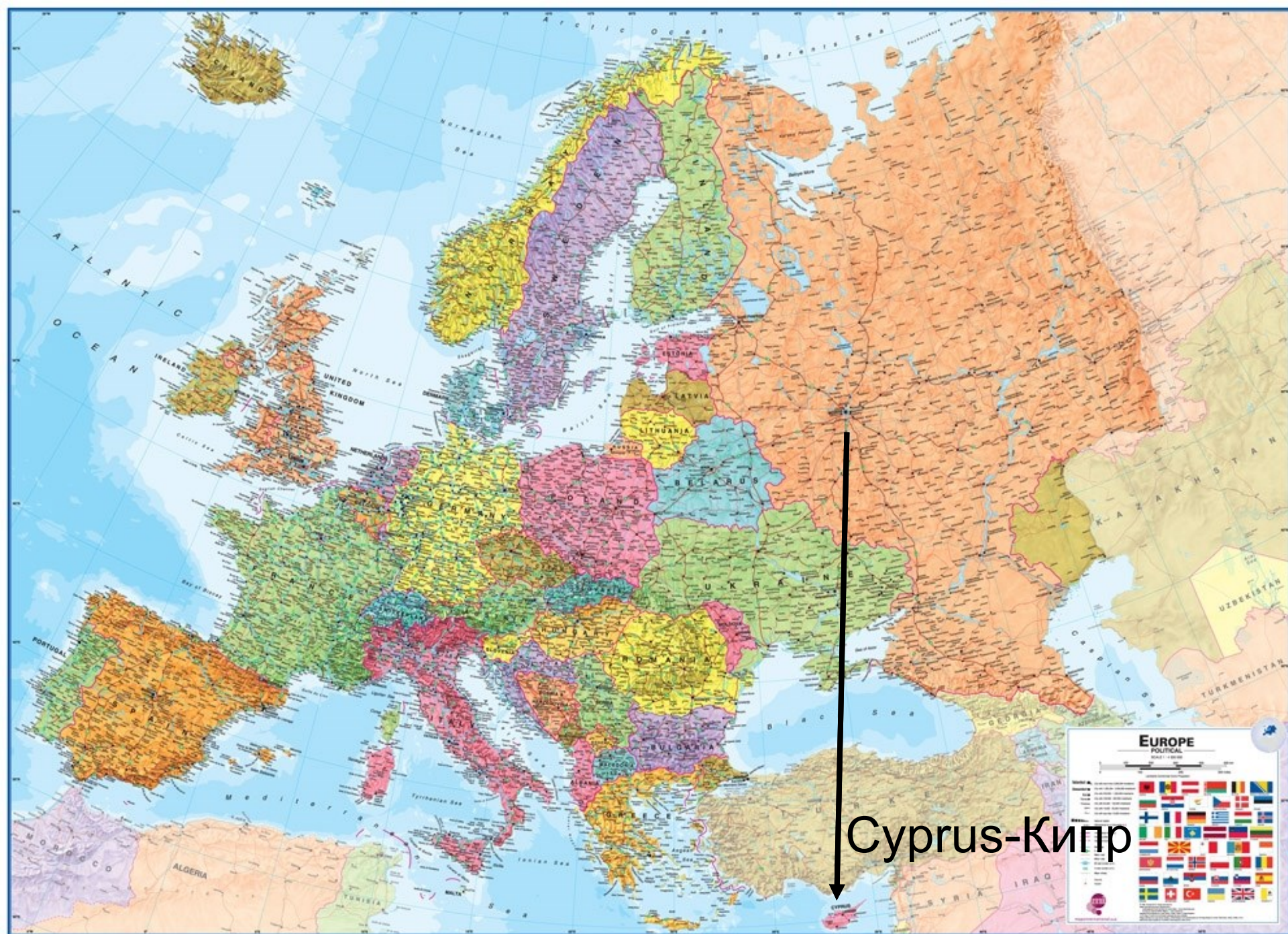
Costas Stasopoulos
IEEE Region 8 Past Director
MGA Vice-Chair
Moscow, Russia, November 2017

доброго ранку



Costas Stasopoulos

- From Cyprus - (EU member)
- Manager at the Electricity Authority of Cyprus
- Power Engineer
 - Construction-Planning
 - Programming-Commercial
- IEEE Cyprus Section Chair 2002-2003
- IEEE R8 Secretary 2007-2012
- IEEE R8 Director Elect 2013-2014
- IEEE R8 Director 2015-2016
- IEEE R8 Past Director 2017-2018
- IEEE MGA Vice Chair



Сyprus-Кипр

What is IEEE?

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity.

What is IEEE?

- IEEE and its members **inspire a global community** through IEEE's highly cited **publications, conferences, technology standards, and professional and educational activities.**
- Key values are **technical innovation, access to cutting-edge information, networking opportunities, and exclusive member benefits.**

IEEE Mission & Vision

- **Mission statement:** IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.
- **Vision statement:** IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

Benefits of membership

- Trusted voice
- Global community
- Member discounts
- Profession
 - Keeping Technically Current
 - Career Resources and Recognition
 - Professional Networking
 - Continuing Education
- IEEE membership benefits include:
 - IEEE Spectrum magazine subscription
 - myIEEE member portal access
 - IEEE Xplore Digital Library discounts
 - Conferences

Member grades

- Student: At least 50% of a normal full-time academic program as a registered undergraduate or graduate student in a regular course of study in IEEE-designated fields.
- Graduate student: At least 50% of a normal full-time academic program as a registered graduate student in a regular course of study in IEEE-designated fields
- Student members or Graduate Student members, upon graduation or upon reaching the total cumulative eight-year limit as a Graduate Student member (whichever occurs first), will be transferred automatically to member grade
- Senior: Highest grade for which application may be made. Requires experience reflecting professional maturity.
- Fellow: Recognizes unusual distinction in the profession and is conferred only by invitation of the Board of Directors upon a person with an extraordinary record of accomplishments in any of IEEE's designated fields of interest

IEEE quick facts

1

- More than **423,000 members** in more than 160 countries; more than 50 % are from outside the United States
- More than **117,000 student members**
- **334 Sections** in 10 geographic Regions worldwide
- **2,116 Chapters** that unite local members (in one or more Sections) with similar technical interests
- **3005 Student Branches** at colleges and universities in 80 countries
- **1481 Student Branch Chapters** of IEEE technical Societies

IEEE quick facts

2

- **486 Affinity Groups**, non-technical sub-units of one or more Sections or a Council: IEEE-USA Consultants' Network, Young Professionals, Women in Engineering (WIE) and Life Members (LM)
- **39 Societies** and **10 technical Councils** representing the wide range of IEEE technical interests
- More than **4 million documents** in the IEEE Xplore Digital Library with more than **8 million downloads** each month
- More than **1,300 standards** and projects under development

IEEE quick facts

3

- More than **200 transactions, journals and magazines** (a third of the world's technical literature in electrical engineering, computer science and electronics)
 - 17 of the 20 top-cited publications in electrical and electronics engineering
 - More than 75% of the authors are from outside US
- More than **1,800 conferences** in 95 countries while:
 - partnering with more than **1,300 non-IEEE entities** globally
 - attracting more than **485,000 conference attendees**
 - publishing over **1500 conference proceedings** via IEEE Explore

More than 1800 conferences in 95 countries

Data current as of 31-12-2016, taken from www.ieee.org/about/today

IEEE organization

- Grouped into **geographic areas** reflecting where members live and work ...
 - **10** Geographic Regions,
 - **334** Sections within Regions,
 - **3,005** Student Branches at colleges and universities over 100 countries.
- ... and **technical areas** based on members technical fields of interest (Knowledge Communities, both global and local):
 - **39** Technical Societies, **7** Technical Councils, and **12** general technical communities,
 - **2,116** Chapters that unite local members with similar technical interests,
 - **1,481** Student Branch chapters of Technical Societies.

<http://www.ieee.org/about/today>

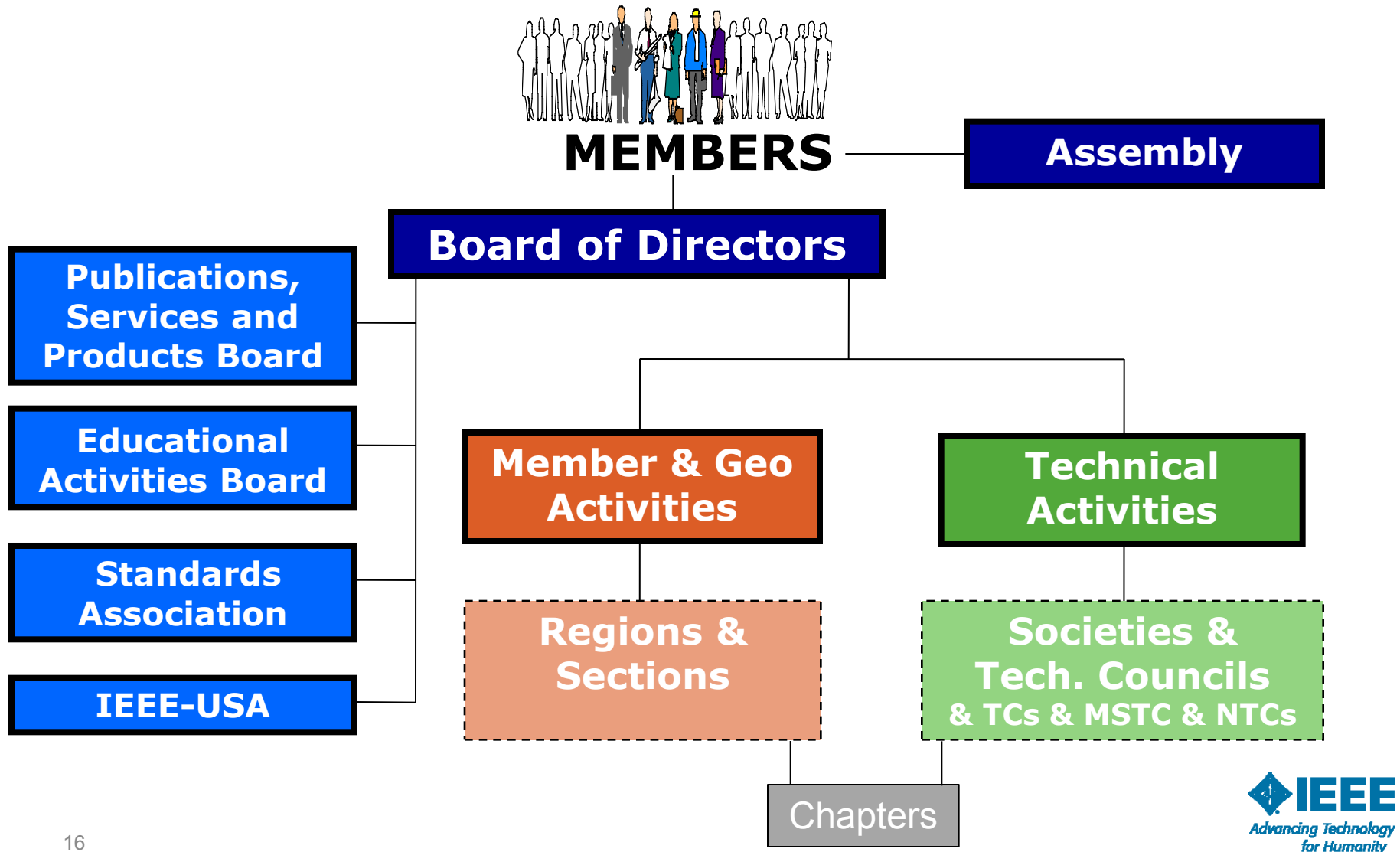
IEEE organization

- Members may also group up attending to non-technical interests or affinities.
- The following have been approved as parent organizational units of local affinity groups:
 - [Consultants Network](#) , CN,
 - [Life Members](#) , LM,
 - [Women in Engineering](#) , WIE,
 - [Young Professionals](#) , YP (formerly GOLD).
 - With a total of **486** affinity groups worldwide which are non-technical subunits of one or more Sections or Regional Councils.
- Other groups are:
 - IEEE Entrepreneurship (<http://entrepreneurship.ieee.org/>),
 - Special Interest Group on Humanitarian Technology (https://www.ieee.org/special_interest_group_on_humanitarian_technology.html) and other groups focusing on humanitarian efforts,
 - And several virtual communities.

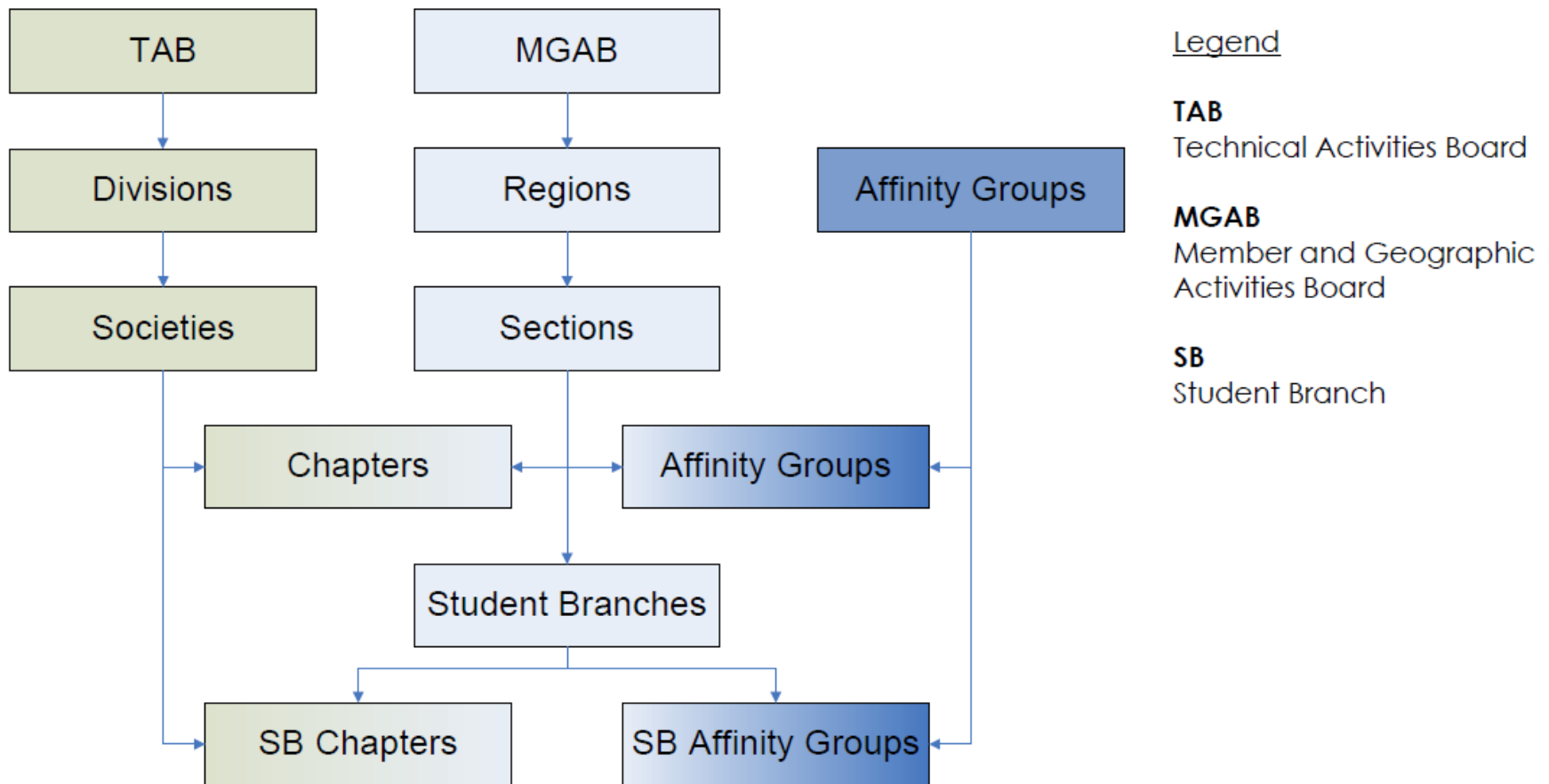
IEEE organization

- Members may also group up attending to non-technical interests or affinities.
- The following have been approved as parent organizational units of local affinity groups:
 - [Consultants Network](#) , CN,
 - [Life Members](#) , LM,
 - [Women in Engineering](#) , WIE,
 - [Young Professionals](#) , YP (formerly GOLD).
 - With a total of **486** affinity groups worldwide which are non-technical subunits of one or more Sections or Regional Councils.
- Other groups are:
 - Special Interest Group on Humanitarian Technology (https://www.ieee.org/special_interest_group_on_humanitarian_technology.html) and other groups focusing on humanitarian efforts,
 - And several virtual communities.

IEEE governance organization

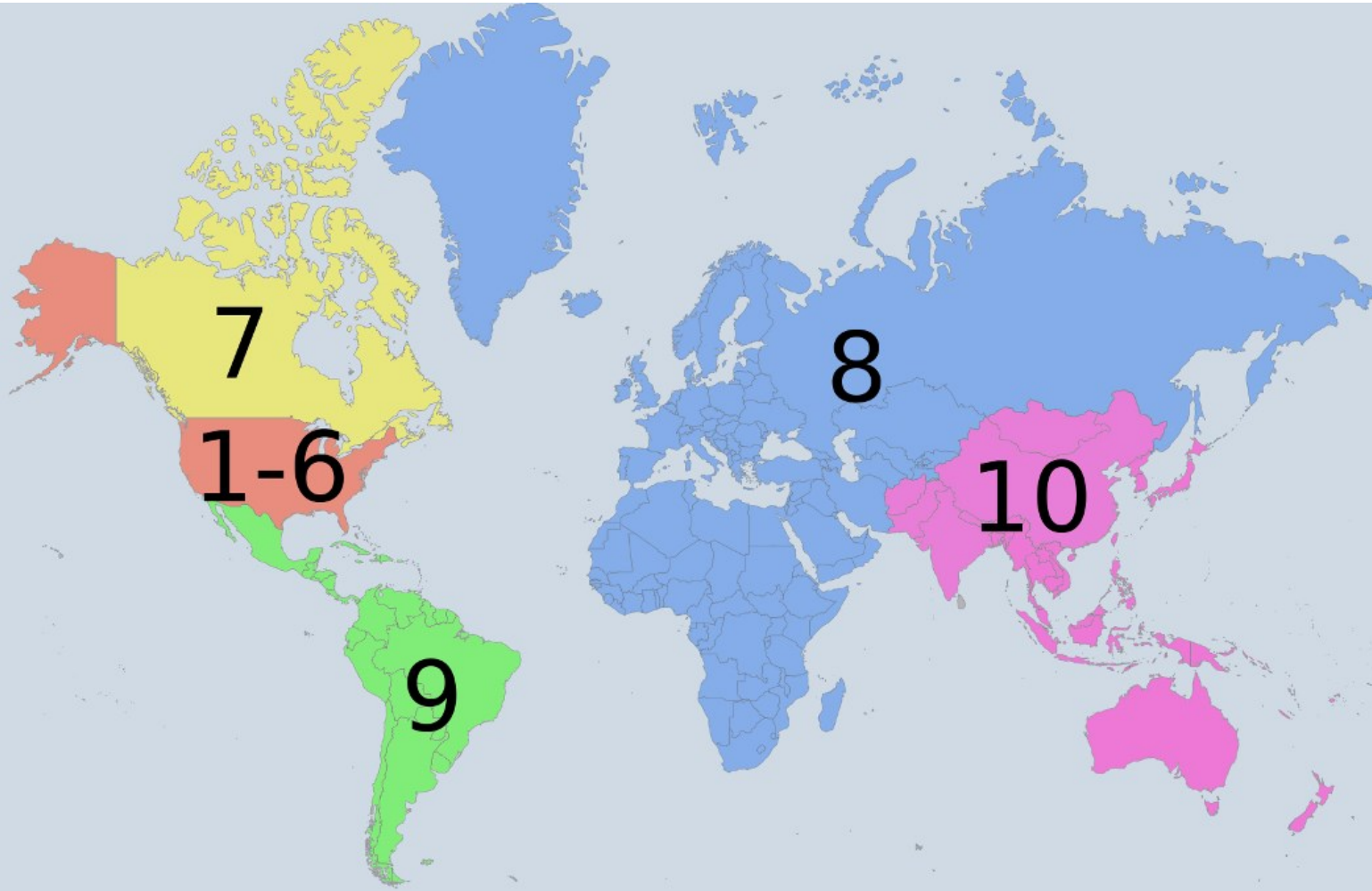


IEEE Structure

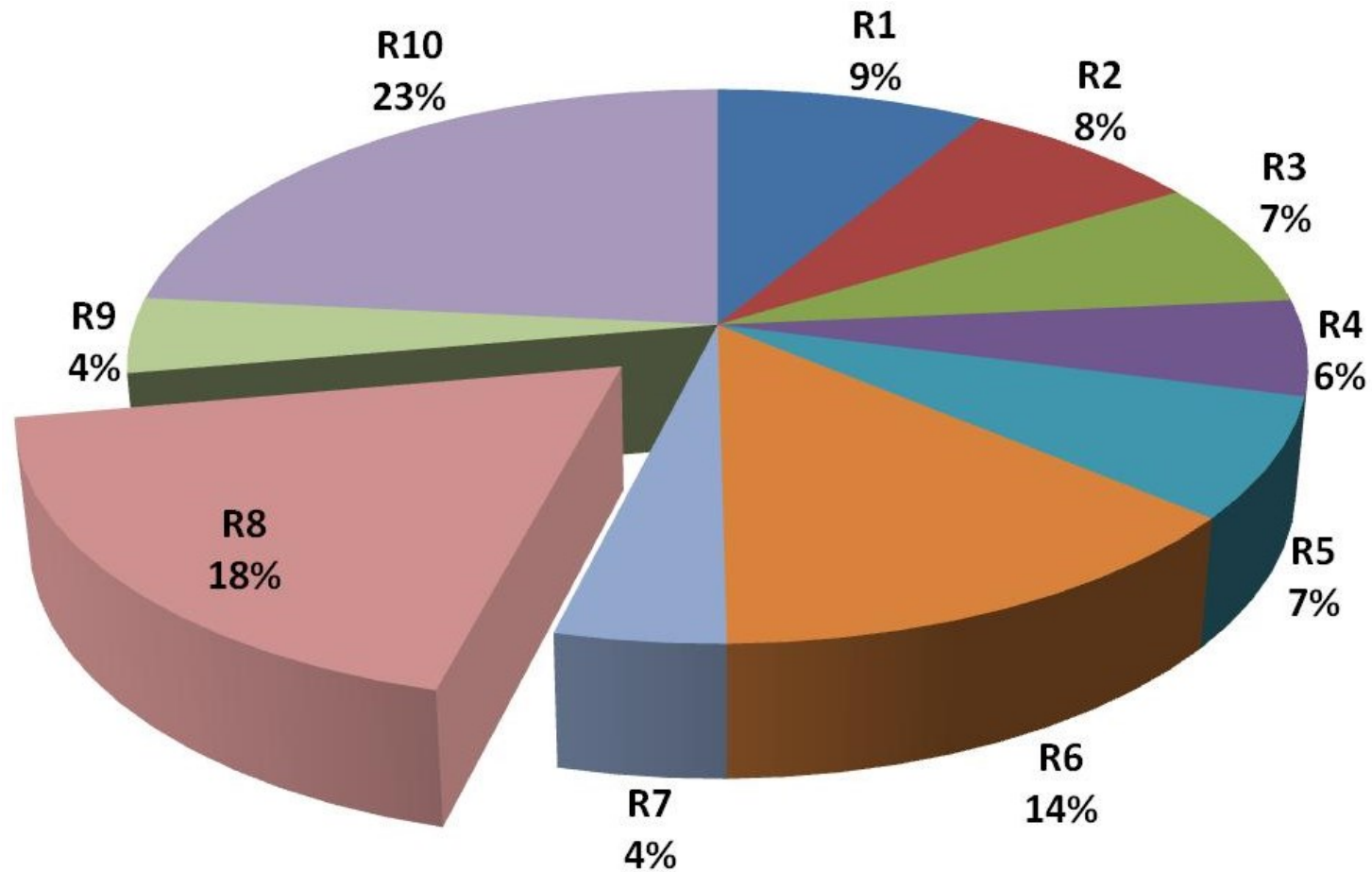


Short overview of IEEE Region 8

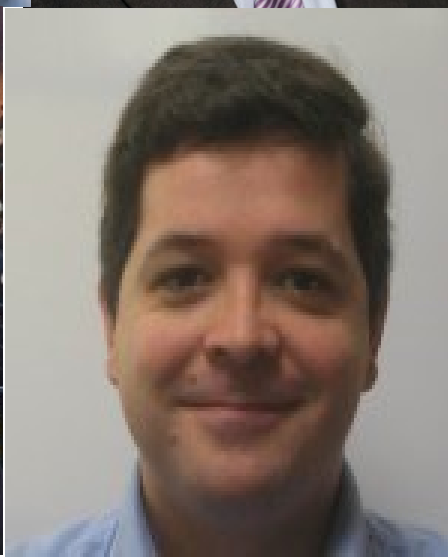
Region 8 covers Europe, Middle East and Africa



Percent of total IEEE Membership by Region



OpCom members



Committee members

■ OpCom

- **Director:** Margaretha Eriksson (Sweden)
- **Director-Elect:** Magdalena Salazar Palma (Spain)
- **Past-Director:** Costas Stasopoulos (Cyprus)
- **Secretary:** Jan Verveckken (Benelux)
- **Treasurer:** Ralph Kennel (Germany)
- **Vice-Chair, Member Activities:** Antonio Luque (Spain)
- **Vice-Chair, Student Activities:** Efthymia Arvaniti (Austria)
- **Vice-Chair, Technical Activities:** Christopher James (UK and Ireland)

Organizational Units – 2017

- 57 Sections
- 7 Subsections
- 565 Society Chapters
- 79 Affinity Groups
- 508 Student Branches
- 183 Student Branch Chapters
- 74 Student Branch Affinity Groups



IEEE Section – the basic GeoUnit

- Sections provide a local community of colleagues.
- Members build a network through activity in
 - Sections,
 - Chapters within the Section,
 - Student Branches within the Section.
- Volunteers develop new skills and experience:
 - Management,
 - Teamwork,
 - Leadership.
- Volunteers:
 - Gain recognition,
 - Recognize achievements of others.

R8 Conferences

- EuroCon
- MeleCon
- AfriCon
- EnergyCon
- HistelCo



- Approximately 350 IEEE conferences in Region 8 every year:
 - Most of them technically co-sponsored.

Region 8 conferences

- EuroCon since 1971
 - MeleCon since 1981
 - AfriCon since 1983
 - HistelCon since 2008
 - EnergyCon since 2010
-
- More than 350 IEEE conferences are held in Region 8 every year.
 - IEEE conferences are conferences that have the name IEEE in the title.
 - Most conferences are technically co-sponsored by Sections or other Organizational Units.

IEEE Conferences in R8 (partial view)



IEEE Conferences in R8 (partial view)



Future Region 8 conferences

- ENERGYCON 2018, March or April, 2018, Limassol, Cyprus.
- MELECON 2018, 7-9 May, 2018, Morocco.
- EUROCON 2019, July 2019, Novi Sad, Serbia.
- ENERGYCON 2020, Tunis – Gammarth, Tunisia.

Sponsoring conferences

- Sections can sponsor conferences. The Section is to sign a Memorandum of Understanding with the other parties.
- Record the decision to sponsor in the Section's meeting minutes. Review the application for sponsorship to make sure that the conference is a success and the quality is high.
- The Section should participate in the conference to gauge quality.
- If the Section needs advice, contact Region 8 Conference Coordinator.
- See www.ieeer8.org/category/technical-activities/conference-coordination/

Benefits of publishing with IEEE

- Authors publish with IEEE for the heightened visibility, research activity, and industry credibility. IEEE continues to be the most cited publisher in US and European new technology patents
- Authors will find that publishing with IEEE ensures professional development and exposure of their works.

Benefits of publishing with IEEE

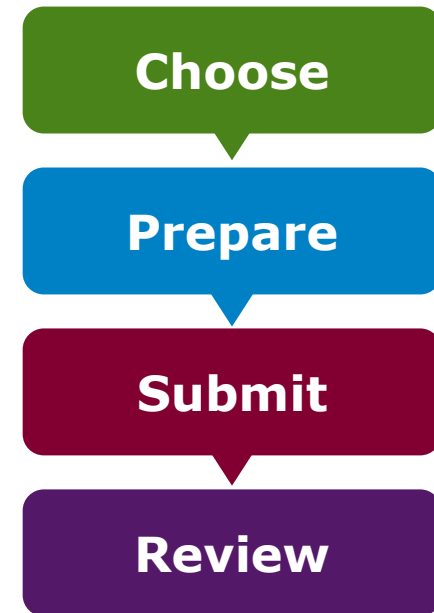
- Researchers rely on IEEE for trusted information. Seven million downloads each month is strong evidence that the IEEE *Xplore*® digital library provides authors with the “findability” they seek
- Consistent quality and high demand make IEEE publications trusted sources for researchers in corporations, academia, and government.

Benefits of publishing with IEEE

- IEEE's comprehensive selection of approximately 200 journals, transactions, magazines, and more than 1,500 conferences around the world allow authors to publish in the best forum for their work.
- Consistent quality and high demand make IEEE publications trusted sources for researchers in corporations, academia, and government.

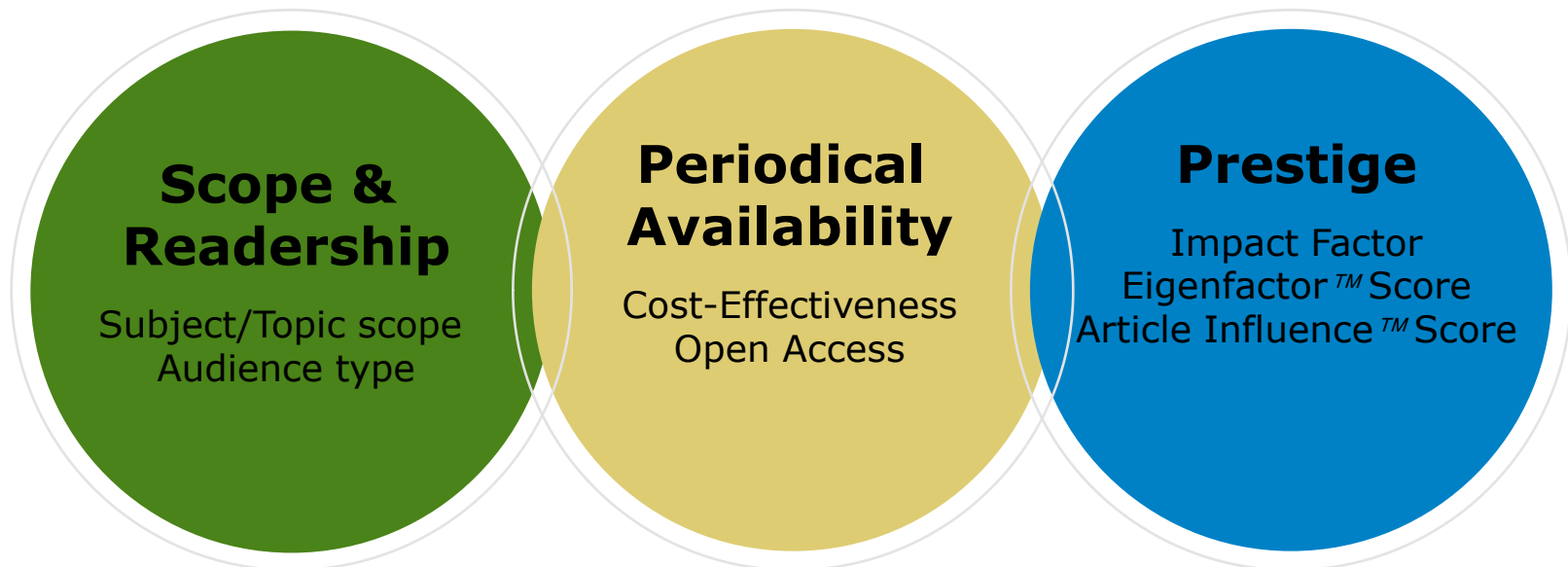
Publish with IEEE by following four main steps

1. **Choose** an IEEE periodical
2. **Prepare** your manuscript
3. **Submit** your article
4. **Review** process



Choose

Publish your research where it will have the most impact



Choose

Find periodicals in IEEE Xplore®

Browse by **Title** or **Topic** to find the periodical that's right for your research



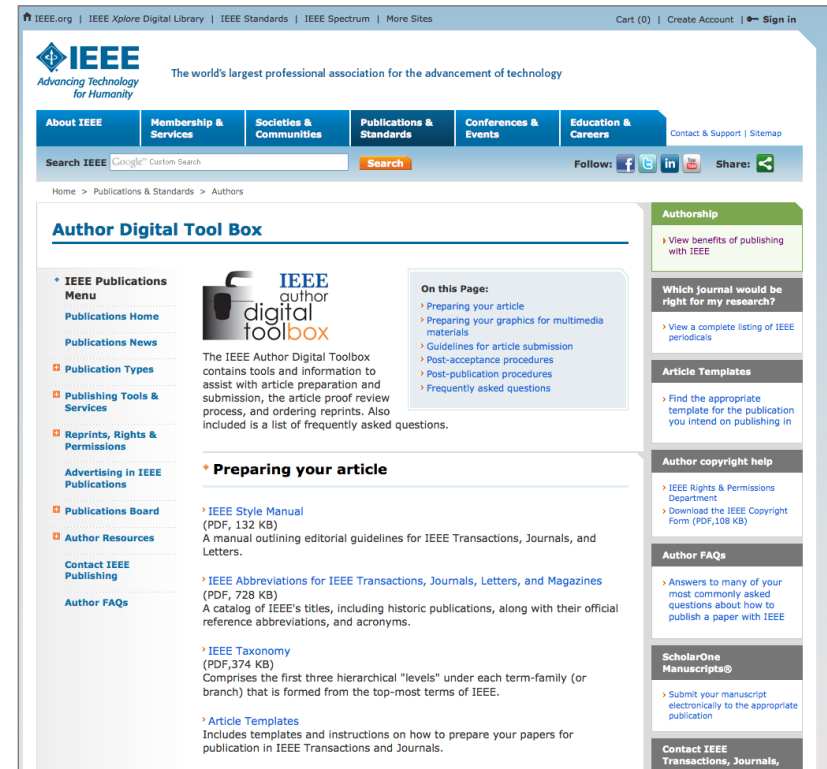
The screenshot displays the IEEE Xplore Digital Library homepage. At the top, there's a navigation bar with links to IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites. The main header features the IEEE Xplore logo and a section for institutional users with links to 'Institutional Sign In' and 'Athens/Shibboleth'. Below this is a secondary navigation bar with 'BROWSE', 'MY SETTINGS', 'MY PROJECTS', and 'WHAT CAN I ACCESS? | About IEEE'. A large search bar is prominently displayed with a 'SEARCH' button. Below the search bar, there are links for 'Advanced Search', 'Preferences', 'Search Tips', and 'More Search Options'. The main content area is titled 'Browse Journals & Magazines' and includes three tabs: 'By Title' (selected), 'By Topic', and 'Virtual Journals'. Under the 'By Title' tab, there's a 'BROWSE TITLES' section with a grid of letters from A to Z and an 'OTHER' link. Below this is a 'SEARCH BY KEYWORDS' section with a text input field and a 'SEARCH' button. To the right of the search field, there's a 'Sign up for Alerts' section and an 'IEEE Xplore Title List' section. At the bottom, there's a 'Results per page' dropdown set to 25, a 'Sort by' dropdown set to 'Publication Title A - Z', and a pagination bar showing the first 10 results.



Prepare IEEE Author Digital Toolbox

A robust resource with tools to prepare your manuscript for publication

- IEEE Style Manual
- Reference Preparation Assistant
- Editing Assistance
- Templates
- Instructions for submitting multimedia materials



Publishing with IEEE Conferences

Each IEEE sponsored conference has its own requirements for publishing.

For complete information, see the Call for Papers for the conference in question.

To search for a specific conference, go to the main Conferences & Events page on www.ieee.org

The screenshot shows the conference details page for the 2012 IEEE Vehicle Power and Propulsion Conference (VPPC). The page includes the following information:

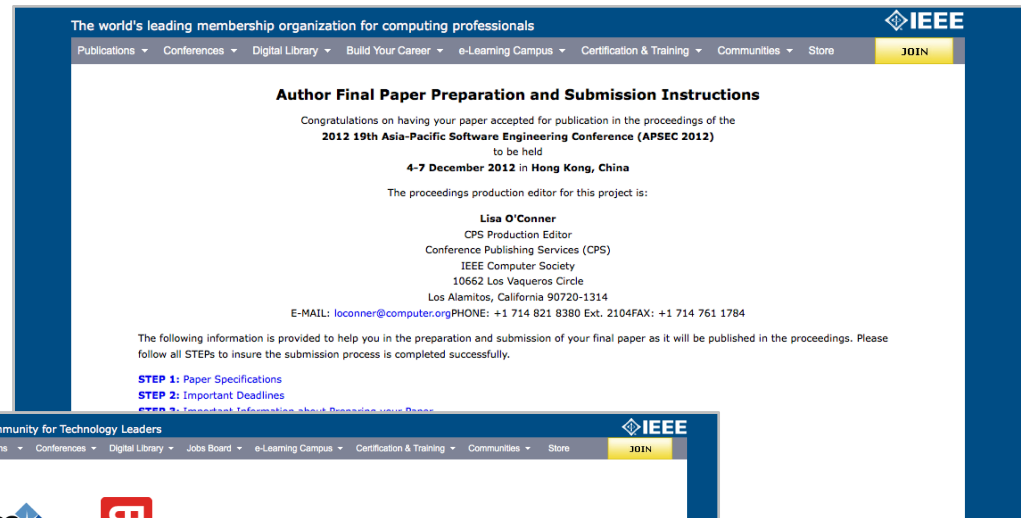
- Home > Conferences & Events > Conference Details**
- 2012 IEEE Vehicle Power and Propulsion Conference (VPPC)**
- Sponsored by:**
 - Power Electronics Society - PEL
 - Vehicular Technology Society - VT
- Topic 1:** HEV, BEV, FCEV and Plug-In EV System Design. **Topic 2:** Automotive Actuator and Electric Machinery **Topic 3:** Power Converter for Automotive Applications **Topic 4:** Motor Drives for Vehicle Applications **Topic 5:** Energy and Power Management **Topic 6:** Power Electronics for Vehicle Couplers **Topic 7:** Smart Grid and Electrical Infrastructure **Topic 8:** Power Electronics for Vehicle **Topic 9:** Telematics (Included V2I) Topic 10: Power Electronics for Vehicle
- Conference Details**
 - Dates:** 09 Oct - 12 Oct 2012
 - Location:** Seoul Olympic Parktel, Seoul, Korea (South)
 - Web site:** www.vppc2012.org
 - Contact:** Min Jung Kim, Room 901, Science & Technology Building, 635-4, Yucksam-Dong, Kangnam-Ku, Korea (South) Seoul 135-703, +82 70 8222 3371, +82 10 9156 3571, +82 2 3412 8723 (fax), secretariat@vppc2012.org
 - Conference #:** 20159
 - Attendance:** 450
- Conference Focus**
 - Application
 - Science
- Features**
 - Exhibits
 - Tutorials
- Call for Papers for Conference Authors**
 - Find details for paper and abstract submission.
 - [Search for call for papers on conference site](#)
- [Back to search results](#)

Please see the [conference Web site](#) for full details.

Author final paper preparation and submission instructions

If your paper is accepted to an IEEE sponsored conference, you will receive final submission instructions.

For general information for authors, go to the conference sponsor's information page.



The world's leading membership organization for computing professionals

Publications ▾ Conferences ▾ Digital Library ▾ Build Your Career ▾ e-Learning Campus ▾ Certification & Training ▾ Communities ▾ Store [JOIN](#)

Author Final Paper Preparation and Submission Instructions

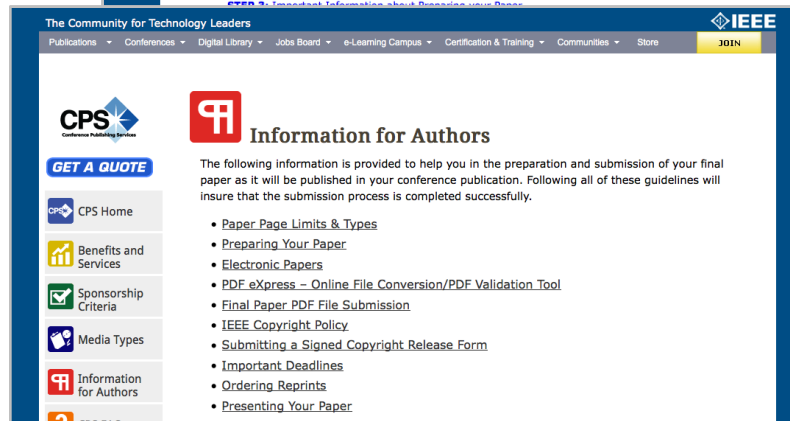
Congratulations on having your paper accepted for publication in the proceedings of the
2012 19th Asia-Pacific Software Engineering Conference (APSEC 2012)
to be held
4-7 December 2012 in Hong Kong, China

The proceedings production editor for this project is:

Lisa O'Conner
CPS Production Editor
Conference Publishing Services (CPS)
IEEE Computer Society
10662 Los Vaqueros Circle
Los Alamitos, California 90720-1314
E-MAIL: loconner@computer.org PHONE: +1 714 821 8380 Ext. 2104 FAX: +1 714 761 1784

The following information is provided to help you in the preparation and submission of your final paper as it will be published in the proceedings. Please follow all STEPs to insure the submission process is completed successfully.

[STEP 1: Paper Specifications](#)
[STEP 2: Important Deadlines](#)
[STEP 3: Important Information about Proceedings your Paper](#)



The Community for Technology Leaders

Publications ▾ Conferences ▾ Digital Library ▾ Jobs Board ▾ e-Learning Campus ▾ Certification & Training ▾ Communities ▾ Store [JOIN](#)

CPS
Conference Publishing Services

GET A QUOTE

[CPS Home](#)
[Benefits and Services](#)
[Sponsorship Criteria](#)
[Media Types](#)
[Information for Authors](#)
[CPS FAQ](#)

Information for Authors

The following information is provided to help you in the preparation and submission of your final paper as it will be published in your conference publication. Following all of these guidelines will insure that the submission process is completed successfully.

- [Paper Page Limits & Types](#)
- [Preparing Your Paper](#)
- [Electronic Papers](#)
- [PDF eXpress – Online File Conversion/PDF Validation Tool](#)
- [Final Paper PDF File Submission](#)
- [IEEE Copyright Policy](#)
- [Submitting a Signed Copyright Release Form](#)
- [Important Deadlines](#)
- [Ordering Reprints](#)
- [Presenting Your Paper](#)

IEEE would like you to reach your full potential as a published author.

Visit **www.ieee.org/go/authorship**
Browse **www.ieee.org/ieeexplore**

Student and Young Professional Congress (SYP)

- On even years we have a big Region 8 wide SYP
 - Big event ~450 participants
 - Usually 3 day event
 - Germany, Poland, Spain, Belgium, London, Paris
- On odd years we have smaller cross Sectional congresses
 - Workshops
 - Presentations
 - Soft Skills
 - Technical visits
 - Social program-Fun

Student and Young Professional Congress (SYP)

- GCC SYP, Bahrain, 8-10 May 2017
- Central European SYP, Lviv, Ukraine, 30/6-2/7 2017
- Middle East SYP, Tunis, Tunisia, 1-4/8 2017
- Africa SYP, Abujia, Nigeria 8-10/9 2017
- Egypt Engineering Day, Cairo, Egypt 11-12/9/2017
- Western European SYP Valencia, Spain 20-23/9/2017
- Nordic SYP, Vilnius, Lithuania 2—22/10/2017
- Hellenic SYP, Athens, Greece 3-5/11/2017

IEEE Region 8 SYP, August 2016 Regensburg, Germany



IEEE Region 8 SYP, August 2014 Krakow, Poland



www.frpn.org

West European SYP, May 2015

Eindhoven, The Netherlands



West European SYP, May 2015

Eindhoven, The Netherlands



Central European SYP, May 2015

Zagreb, Croatia



Central European SYP, May 2015

Zagreb, Croatia



Nordic SYP November 2015, Stockholm, Sweden



Nordic SYP November 2015, Stockholm, Sweden



Middle East SYP August 2015, Amman, Jordan



Middle East SYP August 2015, Amman, Jordan



Hellenic SYP November 2015, Thessaloniki, Greece



Hellenic SYP November 2015, Thessaloniki, Greece



Egypt Engineering Day, August 2015, Cairo Egypt



Egypt Engineering Day, August 2015, Cairo Egypt



GCC SYP



GCC SYP



Why is an IEEE Student Branch Beneficial?

- A Student Branch gives students the opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field
- An active IEEE Student Branch can be one of the most positive elements in a department
- Participation in regional conferences, workshops and competitions

Why is an IEEE Student Branch Beneficial?

- Development of leadership, interpersonal and team building skills
- Participation in awards, scholarships and project/design programs and student paper contests
- Establishment of a Student Branch Library with IEEE's publications
- Access IEEE online services and resources
- Establish a web site

Russian Sections

■ 3 Russian Sections

– Russia Section	863
– Russia Northwest Section	453
– Russia Siberia Section	259
▪ Total	1575

Russia Section

Section Name	Sub Section Name	IEEE Current Grade Description	Count of Members*
Russia Section		Associate Member	27
		Graduate Student Member	112
		Honorary Member	1
		Life Fellow	1
		Life Member	8
		Life Senior	2
		Member	603
		Senior Member	38
		Student Member	71
			863
Russia Section Total			863

4WIE members

What is IEEE SIGHT?

Vision

Underserved communities around the world are able to benefit from technology as they seek sustainable solutions to development challenges.

Mission

The Special Interest Group on Humanitarian Technology (SIGHT) program is a network of IEEE volunteers around the globe that partner with underserved communities and local organizations to leverage technology for sustainable development.



R8 Humanitarian Committee

- Alexandros Osana (Greece) – Chair
- Lebogang Madise (South Africa)
- Dinko Jakovljevic (Croatia)
- John Funso (Nigeria)
- Lee Crudgington (UK & I)
- Mona Ghassemian (UK & I)
- Amith Khandakar (Oman)



Funding and Resources

From IEEE SIGHT

- Project Seed Funding 500\$ - 20K\$
 - 3 Cycles (TBA)
- Conference participation support

From IEEE HAC

- Large-scale funding up to 100K\$
- Annual Rebates
- Events and Capacity Building Activities



IEEE Region 8 WIE Committee

- Youmna El-Bitar (Lebanon) – Chair



- Taqua Khairy (Cyprus) – Past Chair – corresponding member
- Lebogang Madise (South Africa) – corresponding member
- Randa Hammami (Tunisia) – corresponding member
- Maria Alexandra Paun (Swiss) – corresponding member



IEEE Region 8 Priorities

Getting closer to Industry

- 50% our members come from Industry
- “Action for Industry” committee
- Industry Ambassadors in Sections
- **Internship Initiative to support Industry**
 - Spain, Italy, Greece, Cyprus, Egypt, Jordan, Tunisia, Morocco, Kenya, Germany, Netherlands, UK, Finland
- **Mentorship Program**
 - Senior and Fellow members
 - Mentor matching
 - France, Italy, Germany, Netherlands, Oman, Spain

IEEE Region 8 Priorities

Section Vitality

- To have active Sections, Student Branches, Chapters and Affinity Groups
- To have new officers in all of the above
- Reporting
- To have a high standard of professional contact

IEEE Region 8 Priorities

AFRICA

- Africa has 8 Sections, 6 Sub-Sections and more than 6,000 active members across the continent's 54 countries as of 2016
- Africa Area was formed in 2016 by Region 8
- A lot of internet and mobility in Africa

IEEE Region 8 Priorities

▣ Students and Young Professionals

- In the heart of Region 8
- Strong Volunteer teams
- Regional Congresses 2015

- CESYP 8-10 May Zagreb
- WESYP 20-24 May Eindhoven
- MESBC 4-7 Aug Amman
- Egypt Engineering Day 4-7 Aug Cairo
- Hellenic SYP 30 Oct-1 Nov Thessaloniki
- Nordic SYP 6-8 Nov Stockholm

People who volunteer for selfless reasons, such as helping others, live longer than those who don't lend a helping hand, a new study shows



A big Thank you to the Organizers!!



Thank you!
My email:
costas@ieee.org
Facebook:
Costas Stasopoulos