

IEEE R8 TA Chapters Coordination subcommittee 2021

IEEE Region 8 Meeting Series Spring 2021
Monday-Sunday, 15-21 March 2021

Agenda

- ChCSC Introduction
- PAST
- PRESENT
- FUTURE - Discussion & Questions

=> To be finished strictly in time!

ChCSC Introduction

Chapter - a **technical subunit** of a Region, Section (one or more), or a Geographic Council.

There may be single Society Chapters, joint Society Chapters, and Technical Council Chapters.

There are two **types** of Chapters within ChCSC scope:

- Chapter
- Student Branch Chapter (SBC)

Responsibility for Chapter **management** shall rest with the **Section**, which shall have control of all financial and other assets of the Chapter in carrying out its activities.

Society / Technical Council Chapters are the **local link** of IEEE Members to the **valuable resources** available from the IEEE and the 45 IEEE Technical Societies and councils.

ChCSC Mission

MISSION

To serve as an action body to help build relationships between R8 Chapters and their parent Societies and Technical Councils, to encourage the good management and vigor of R8 Chapters, and to investigate and encourage the formation of R8 Chapters.

To report to the Region 8 Committee on Chapter issues and act as an interface with IEEE Societies and TAB on Chapter related questions.

ChCSC 2021 Team



Andrejs Romanovs
(Latvia)
Chair



Albert Lysko
(South Africa)
Past Chair



Aleksandar Mastilovic
(Serbia and Montenegro)



Wynand Lambrechts
(South Africa)



Matej Pacha
(Czechoslovakia)



Toni Mattila
(Finland)



Rawan El Jamal
(Lebanon)
Liaison from [YP](#)



Muhammad Al-Barham
(Jordan)
Liaison from [SAC](#)

ChCSC 2021 Team

Corresponding members (ex officio):

Division Directors from Region 8:

- Division III Director: [Sergio Benedetto](#)
- Division VI Director: [Paul M Cunningham](#)

Society/Council Presidents from Region 8:

- CAS President: [Amara Amara](#)
- CIS President: [Bernadette R Bouchon Meunier](#)
- CSS President: [Thomas Parisini](#)
- EdSoc President: [Edmundo Tovar](#)
- EMC President: [Alistair P Duffy](#)
- EPS President: [Christopher J Bailey](#)
- IMS President: [Salvatore Baglio](#)
- PCS President: [Darina M Slattery](#)
- SMC President: [Imre J Rudas](#)

Chapters Coordination SC 2021: PAST

An overview of ChCSC before 2021

by Dr. Albert Lysko, Past Chair of ChCSC



IEEE R8 Chapters Coordination subcommittee - summary of activities in 2019-2020

*Presentation for Region 8 Chapters Coordination subcommittee
meeting*

by Dr Albert Lysko (lysko@ieee.org)

Past Chair: IEEE R8 (EMEA) Chapters Coordination (Chair in 2019-20)

2021-03-17

Team Members during 2019-20 (team varied over time)



Albert Lysko

(South Africa)
Chair



Matej Zajc

(Slovenia)
Member



**Wynand
Lambrechts**

(South Africa)
Corr. Member



**Hossam
Fahmy**

(Egypt)
Corr. Member



**Sarra Ben
Rabii
(Tunisia)**

(Tunisia)
Member,
*Student Chapters
coordinator &
liaison to R8 SAC*

PLUS:

Corresponding Ex-officio members: All
Division Directors and Society/Council
Presidents from Region 8

What is IEEE?

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

- A membership organization
- A major supporter and guardian of technical IP
- A mechanism to bring people of common technical interests together
 - both geographically and disciplinarily
- A guardian of the future of Engineering
- An implementer of technology-related public Imperatives

What does **IEEE** do? Where can a **Chapter** contribute? What can **you** do?

Publishes literature in engineering, technology and computing

e.g. 9 of 10 of the "top 10" journals in el. engineering, comms. etc.

Bran

Organizes conferences

Reputable and high impact

Approval/support for local conferences

Get

Develops standards

Via IEEE SA: for example, WiFi is IEEE 802.11

Bran
d +

Gets engineers and technologists from different locales together

Organizes professional activities among engineering students

Educates the public about Engineering

<https://www.ieee.org/publications/journalmag/journalcitations.html>

https://www.ieee.org/about/today/at_a_glance.html

https://www.ieee.org/publications_standards/publications/journalmag/journalcitations.html?WT.mc_id=lp_ps_rah

90+% of Top journals by Journal Impact Factor!

Electrical and Electronic Engineering

IEEE has 23 of the top 25 journals in Electrical and Electronic Engineering by Journal Impact Factor

- ✖ 1. Progress in Quantum Electronics
- 2. IEEE Industrial Electronics Magazine
- 3. IEEE Transactions on Pattern Analysis and Machine Intelligence
- 4. IEEE Communications Magazine
- 5. IEEE Wireless Communications Magazine
- 6. Proceedings of the IEEE
- 7. IEEE Transactions on Fuzzy Systems
- 8. IEEE Transactions on Neural Networks and Learning Systems
- 9. IEEE Signal Processing Magazine
- 10. IEEE Transactions on Smart Grid
- 11. IEEE Network
- 12. IEEE Journal on Selected Areas in Communications
- 13. IEEE Transactions on Industrial Electronics
- 14. IEEE Power Electronics
- 15. IEEE Transactions on Sustainable Energy
- ✖ 16. IEEE Transactions on Medical Imaging
- ✖ 17. Automatica
- 18. IEEE Vehicular Technology Magazine
- 19. IEEE Transactions on Wireless Communications
- 20. IEEE Internet of Things Journal
- 21. IEEE Transactions on Information Forensics and Security
- 22. IEEE Transactions on Power Systems
- 23. IEEE Journal of Emerging and Selected Topics in Power Electronics
- 24. IEEE Transaction on Image Processing
- 25. IEEE Transactions on Automatic Control

Telecommunications

IEEE has 19 of the top 20 journals in Telecommunications by Journal Impact Factor













- 1. IEEE Communications Surveys and Tutorials
- 2. IEEE Communications Magazine
- 3. IEEE Wireless Communications Magazine
- 4. IEEE Network
- 5. IEEE Journal on Selected Areas in Communications
- 6. IEEE Vehicular Technology Magazine
- 7. IEEE Transactions on Wireless Communications
- 8. IEEE Internet of Things Journal
- 9. IEEE Transactions on Communications
- 10. IEEE Transactions on Vehicular Technology
- 11. IEEE Systems Journal
- 12. IEEE Transactions on Antennas and Propagation
- 13. IEEE Transactions on Mobile Computing
- 14. IEEE Transactions on Multimedia
- 15. IEEE Transactions on Broadcasting
- ✖ 16. Internet Research
- 17. Journal of Lightwave Technology
- 18. IEEE Transactions on Emerging Topics in Computing
- 19. IEEE Access
- 20. IEEE Antennas and Wireless Propagation Letters

- Automation and Control Systems
 - #1 IEEE Transactions on Cybernetics
 - #2 IEEE Transactions on Industrial Electronics
 - #4 IEEE Transactions on Industrial Informatics
 - #5 IEEE Transactions on Systems, Man, and Cybernetics: Systems

Guide2Research

Ranking is based on Conference H5-index ≥ 12 provided by Google Scholar Metrics

Show Due only Hardware, Robotics & Electronics All Countries Search by keyword

Index	Publisher	Conference Details
7 80	 IEEE	INFOCOM : Joint Conference of the IEEE Computer and Communications Societies (INFOCOM) Apr 15, 2018 - Apr 19, 2018 - Honolulu HI , United States http://infocm2018.ieee-infocm.org/content/all-papers-main-conference
11 71	 IEEE	ICRA : IEEE International Conference on Robotics and Automation May 21, 2018 - May 21, 2018 - Brisbane , Australia http://www.icra2018.org/
20 60	 IEEE	ISSCC : IEEE International Solid-State Circuits Conference Feb 11, 2018 - Feb 15, 2018 - San Francisco , United States http://isscc.org/
29 54	 Association for Computing Machinery	ISCA : International Symposium on Computer Architecture Jun 2, 2018 - Jun 6, 2018 - Los Angeles , United States http://isac.conf.org/ica2018/
42 48	 Association for Computing Machinery	DAC : Design Automation Conference (DAC) Jun 24, 2018 - Jun 28, 2018 - San Francisco , United States https://isac.com/cal-for-contributions
44 47	 IEEE	SC : International Conference on High Performance Computing, Networking, Storage and Analysis Nov 11, 2018 - Nov 16, 2018 - DALLAS , United States http://iee18.supercomputing.org/
46 46	 IEEE	HPCA : IEEE International Symposium on High Performance Computer Architecture Feb 27, 2018 - Feb 27, 2018 - Vienna , Austria http://hpcac2018.ece.ucsb.edu/
60 43	 IEEE	CDC : IEEE Conference on Decision and Control Dec 17, 2018 - Dec 19, 2018 - Miami Beach , United States https://cdc2018.ieeeccs.org/
61 43	 IEEE	ACC : American Control Conference Jun 27, 2018 - Jun 29, 2018 - Milwaukee , United States http://iecc2018.a2c2.org/
64 41	 IEEE	MICRO : IEEE/ACM International Symposium on Microarchitecture Oct 14, 2018 - Oct 18, 2018 - Boston , United States http://www.microarch.org/micro18/
65 41	 usenix USENIX MICROSYSTEMS GROUP	FAST : Conference on File and Storage Technologies Feb 12, 2018 - Feb 15, 2018 - OAKLAND , United States https://www.usenix.org/conference/fast18/local-for-papers
67 41	 IEEE	DATE : Design, Automation and Test in Europe Conference and Exhibition Mar 19, 2018 - Mar 23, 2018 - Dresden , Germany https://date.date-conference.com/local-for-papers





Biomedical Engineering and Medical Informatics



Top Conferences for Databases & Information Systems

Ranking is based on Conference H5-index^{>=12} provided by Google Scholar Metric

Show Due only Biomedical Engineering & Medical Informatics All Countries Search by keyword













	Index	Publisher	Conference Details
62	42	 IEEE	BHI : IEEE-EMBS International Conference on Biomedical and Health Informatics Mar 4, 2018 - Mar 4, 2018 - Las Vegas, United States http://bhi-4en.ieee.org/2018/
98	34	 Springer	MICCAI : Medical Image Computing and Computer Assisted Intervention Sep 16, 2018 - Sep 20, 2018 - Granada, Spain http://www.miccai-18.org/en/
106	32	 ACM	SAC : ACM Symposium on Applied Computing Apr 6, 2018 - Apr 13, 2018 - Pau, France http://www.sigapp.org/track/sac2018/
140	28	 Springer	AIME : Artificial Intelligence in Medicine Jun 21, 2017 - Jun 24, 2017 - Vienna, Austria http://aime17.aimeconfer.info/
171	25	 IEEE	Big Data : IEEE International Conference on Big Data Dec 10, 2018 - Dec 13, 2018 - Washington, United States http://www.ieee-datavpconf.org/track/bigdata2018/ Deadline : Wed 08 Aug 2018
184	24	 AMIA	AMIA : AMIA Symposium Nov 3, 2018 - Nov 7, 2018 - San Francisco, United States http://www.amia.org/amia2018
192	23	 IEEE	SMC : IEEE International Conference on Systems, Man and Cybernetics Oct 7, 2018 - Oct 10, 2018 - Miyazaki, Japan http://www.smc-2018.org/
208	22	 Springer	RECOMB : International Conference on Research in Computational Molecular Biology Apr 21, 2018 - Apr 24, 2018 - Paris, France http://recomb2018.fr/
247	19	 ACM	IHI : ACM International Health Informatics Symposium -
266	18	 World Scientific	PSB : Pacific Symposium on Biocomputing Jan 3, 2018 - Jan 7, 2018 - Big Island of Hawaii, United States http://psb.stanford.edu/
291	17	 IEEE	BSN : International Workshop on Wearable and Implantable Body Sensor Networks Mar 4, 2018 - Mar 7, 2018 - Las Vegas, United States http://bhi-4en.ieee.org/2018/
316	15	 Springer	PSPN : International Conference on Parallel problem solving from nature Sep 8, 2018 - Sep 12, 2018 - Coimbra, Portugal http://ppsn2018.dsi.up.pt/
343	14	 Springer	ICSI : International Conference on Advances in Swarm Intelligence Jul 27, 2017 - Aug 1, 2017 - Fukuoka, Japan

MikroTik hAP AC ...jpg > Progress Report ...docx > Proposed study P...docx > study leave appli...doc

Top Conferences for Databases & Information Systems

Ranking is based on Conference H5-index²=12 provided by Google Scholar Metrics

 Show Only
 Image Processing & Computer Vision
 All Countries
 Search by keyword

Index	Publisher	Conference Details
1 158	 IEEE	CVPR : IEEE Conference on Computer Vision and Pattern Recognition, CVPR Jun 18, 2019 - Jun 18, 2019 - Salt Lake City, United States http://cvpr2019.thefcv.com/conference/index.html
3 98	 Springer	ECCV : European Conference on Computer Vision Sep 8, 2019 - Sep 14, 2019 - Munich, Germany https://eccv2019.org/
5 89	 IEEE	ICCV : IEEE International Conference on Computer Vision Jan 30, 2019 - Jan 31, 2019 - Istanbul, Turkey http://iccv2019.thefcv.com/conference/index.html
36 50	 IEEE	IROS : IEEE/RSJ International Conference on Intelligent Robots and Systems Oct 1, 2018 - Oct 5, 2018 - Madrid, Spain https://www.iros2018.org/
53 44	 Academic Society for Computing & Multimedia	ACMMM : ACM Multimedia Jun 12, 2018 - Jun 15, 2018 - Amsterdam, Netherlands http://acmm2018.org/
55 43	 Springer	BMVC : British Machine Vision Conference Sep 5, 2018 - Sep 8, 2018 - Northumbria University, United Kingdom https://www.northumbria.ac.uk/about/courses/e-events/venue/2018/bmvc-british-machine-vision-conference/
88 35	 Springer	ACCV : Asian Conference on Computer Vision Dec 2, 2018 - Dec 6, 2018 - Perth Western, Australia http://accv2018.net/ Deadline : Thu 05 Jul 2018
94 34	 IEEE	ICIP : IEEE International Conference on Image Processing Oct 7, 2018 - Oct 10, 2018 - Athens, Greece https://ictp2018.ieee.org/
95 34	 IEEE	ICPR : International Conference on Pattern Recognition Aug 20, 2018 - Aug 20, 2018 - Beijing, China http://www.icpr2018.org/
98 34	 Springer	MICCAI : Medical Image Computing and Computer Assisted Intervention Sep 16, 2018 - Sep 20, 2018 - Granada, Spain http://www.miccai2018.org/
111 31	 IEEE	WACV : Workshop on Applications of Computer Vision Mar 12, 2018 - Mar 15, 2018 - Lake Tahoe, United States http://wacv18.eecs.utah.edu/
121 29	 IEEE	ICB : International Conference on Biometrics Feb 21, 2018 - Feb 21, 2018 - Gold Coast, Australia http://www.icb2018.org/

All Conferences

Top Conferences

Top 600 Journals

Top 1000 Scientists

Special Issues

Research Blog

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Conference Alerts by Email

Email Address*

1

Top Scientists by H-Index

United States United

Canada Germany

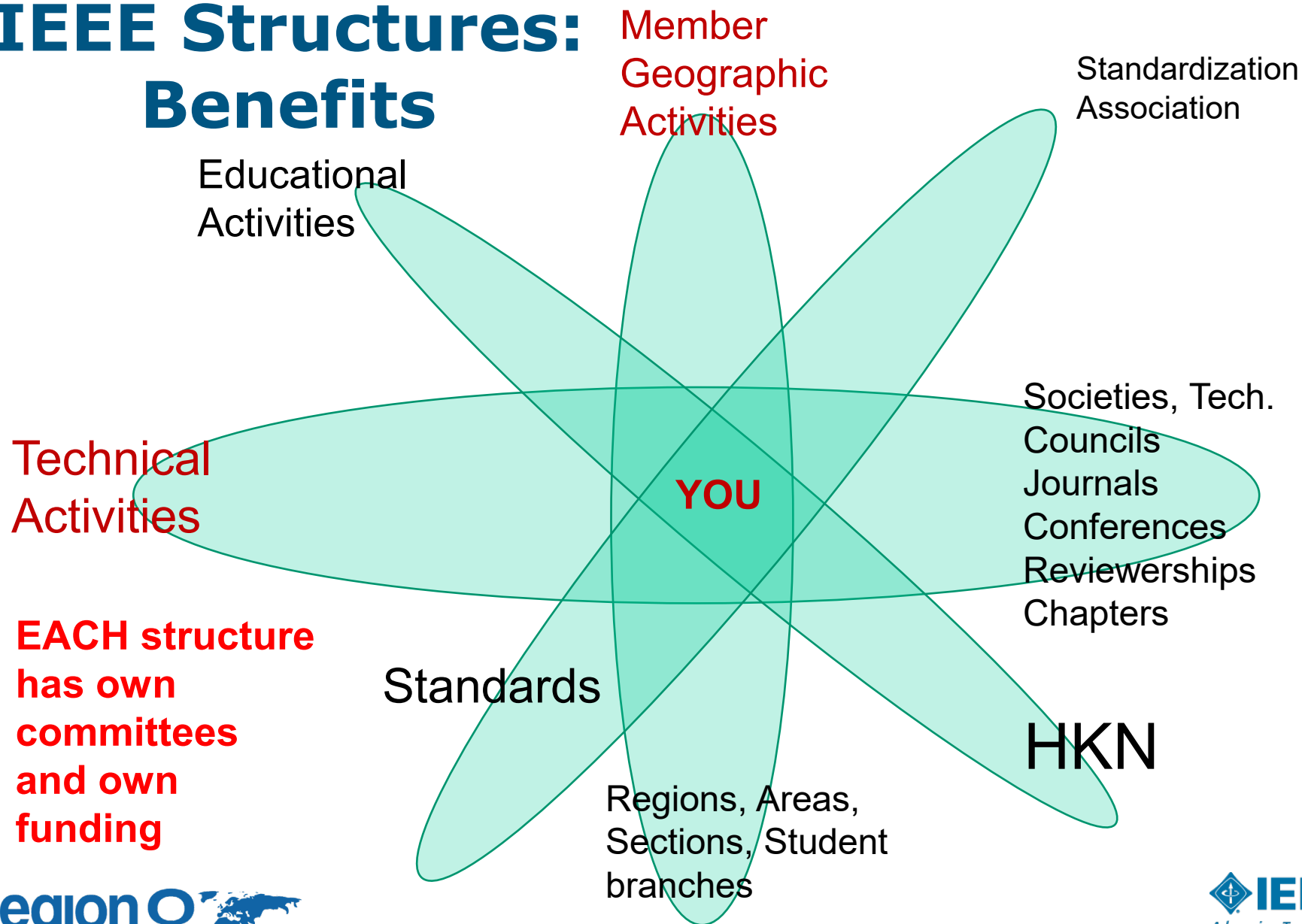
 Netherlands Hong Kong

France

Image processing and Computer Vision

re **Discounts on registration fees in IEEE conferences normally \geq IEEE annual membership fee!**

IEEE Structures: Benefits



members)

NB! 2020 numbers

We are supported by and
interact with:

Region 8

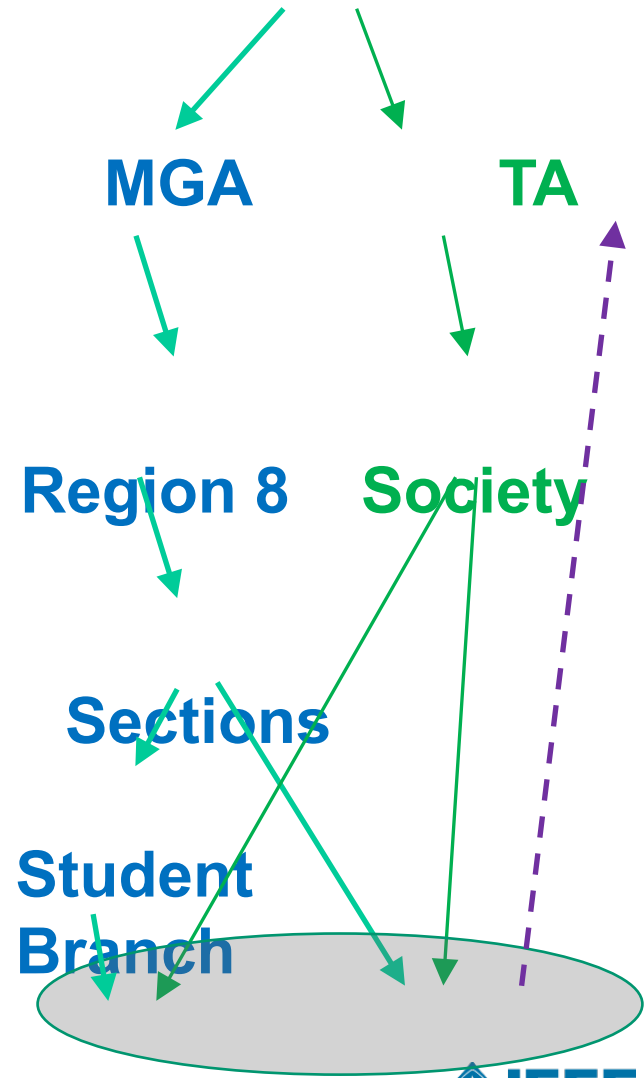
+

**59 Sections & 10
subsections in R8**

+

39

**Societies/Councils
globally**



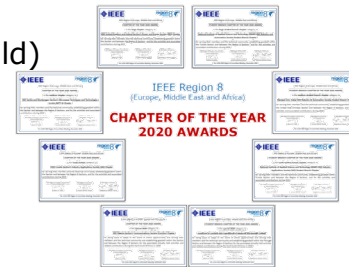
Statement of authority (IEEE R8 OpMan: R8-6.1.5.3)

1. Establish and maintain communications with all Region 8 Chapters
2. Assist the Sections and the Societies in the creation of new Region 8 Chapters in locations where Society membership is sufficient to justify such formations
3. Establish (by the individual actions of the subcommittee members) links with the Society governing committees (AdCom or Board of Governors) and Society chapter coordinators, with the objective of encouraging the Society to maintain interest in and financially support its Chapters in Region 8
4. Establish links with the Region 8 Chapters Chairs (by the individual actions of the subcommittee members) to encourage them to liaise with their parent Societies, to make use of Society Distinguished Lecture Programs and to improve the management and activities of the Chapters
5. Encouragement to Chapters to organize workshops, short courses, symposia, etc.
6. Encourage Region 8 Section Chairs to take an interest in and to support their Chapters
7. Encourage attendance of R8 Chapter Chairs at Chapter Chairs meetings arranged by Societies and Divisions, and to the extent appropriate, participate in any such meetings held in Region 8

Your inputs on additional function are very welcome!

ChCsC work & achievements in 2019/20

- Re-started and revitalised the work of the ChCsC
- 2x Questionnaires: one for Section Chairs and one for Chapter Chairs
- 5+1 training events
- Informed Chapters, Sections & Societies about opportunities via eNotices
- Introduced Potential Chapters reports for Section Chairs
 - Potential for ~250 new Chapters and ~300 new Joint Chapters
- Introduced Chapter Performance reports (measuring the number of events held)
 - Supporting Sections with Chapters at risk of dissolution
- Doubled number of Awards submissions:
 - 13 submissions received leading to 5 awards in 2019
 - 23 submissions received leading to 6 awards in 2020
- New awards introduced (Most Virtually Active Chapter/SBC) for 2020: 2 winners
- Created online presence - R8 webpage with *extensive Chapter related FAQ*, FaceBook+Twitter pages, LinkedIn posts
- Compiled a schedule of recommended regular actions
- Growth in new Chapters/SBCs:
 - 46 in 2019, and
 - 51 in 2020



Questionnaires and Reports on These Surveys



Report on experiences by R8 Section Chairs and their opinions with regards to R8 Chapter Coordination subcommittee role

Prepared by IEEE Region 8 Chapter Coordination subcommittee

2019-05-30

Authors: Albert Lysko, Matej Zatec, and Sarra Ben Rabii

Reviewers: Sohaib Qamar Sheikh

Online forms were prepared by Sarra Ben Rabii and Albert Lysko

Introduction

As the IEEE R8 Chapter Coordination subcommittee (ChCsC) was re-started in 2019, it was necessary to understand the current situation around the interaction between Section and Chapters, the experience of Section Chairs in working with Chapters, and Section Chair's opinions with regards to ChCsC roles.

Improving the understanding was approached by setting up a questionnaire, requesting the Section Chairs to complete it and processing the data. The next sections provide more details around the process and the results obtained. As far as it was possible, the responses were provided unaltered. In the groups of text-based responses, the responses which were difficult to interpret were placed after the other responses.

Process Followed

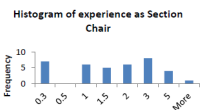
1. Questions were prepared/discussed within the ChCsC
2. An online questionnaire was prepared using Google Forms. Please find a copy in Appendix A.
3. Section Chairs were asked to complete it (by email, several times, and during R8 meeting in March 2019).
4. The submissions were processed, and the results presented – please see below.

1



Summary of responses

- 37 responses (of 60 Sections in R8; i.e. more than 60% responded)
 - 94.6% are Section Chairs
 - Approximately uniform distribution of experience as Section Chair



Report on 1st IEEE Region8 Volunteer Training

Vilnius 21.-22.6.2019

1st IEEE Region 8 Volunteer Training was held in Vilnius on 21. and 22. June 2019.



Workshop participants and trainers (MD and ChCsC)

	Time	Topic/Details	Duration
Friday, June 21, 2019	13:00	Registration & Lunch	60
	14:00	Introduction to Team/Workshop/Agenda/Plan/Attendees	30
	14:30	IEEE and IEEE general structure	20
	14:50	IEEE Region 8, Sections and Chapters: Structure and Cooperation	30
	15:20	Cooperation triangle: IEEE Societies, Sections and Chapters	45
	16:05	Coffee break	20
	16:25	Membership Development: Analytics Center and role of MDO	45
	17:10	Section and Chapters: Industry Activities	30
	17:45	Section and Chapters: Student Activities	15
	18:00	Recess	20
	18:30	City Tour	45
	19:05	Dinner & Networking: Restaurant	180
Saturday, June 22, 2019	8:00	Welcome & Coffee to go	15
	8:15	Today Agenda and Tasks	15
	8:30	Best & Bad practice/experience	30
	9:00	Brainstorming	30
	9:30	Results & discussion	15
	9:45	Coffee break & networking	20
	10:05	Road map creation	85
	11:30	Presentation of the road maps	30
	12:00	Results & conclusions	60
	13:00	Registration & Lunch	60

Agenda of the workshop

On the first day, both groups were together. The training on the first day was lecture style (see Agenda). ChCsC presentation was allocated in the two slots of the program, namely IEEE Region 8, Sections and Chapters: Structure and Cooperation and Cooperation triangle: IEEE Societies, Sections and Chapters.

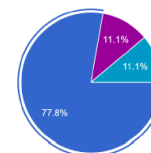


First day

The list of chapter chairs were contacted via online survey from where we collected 9 inputs giving further insight into chapter operations. Some surveys were not submitted due to technical issues with Google forms. We will try to collect it afterwards.

IEEE position in your Chapter

9 responses



- Chapter Chair
- Chapter Secretary
- Chapter Treasurer
- Student Branch Chapter Chair
- Chapter co-chair
- Vice-Chair



Region 8 Potential Chapter Opportunities

(NB! the below approach works only for Sections for now
subsections – contact OU Analytics for info on society membership
or feel free to contact R8 ChCsC)



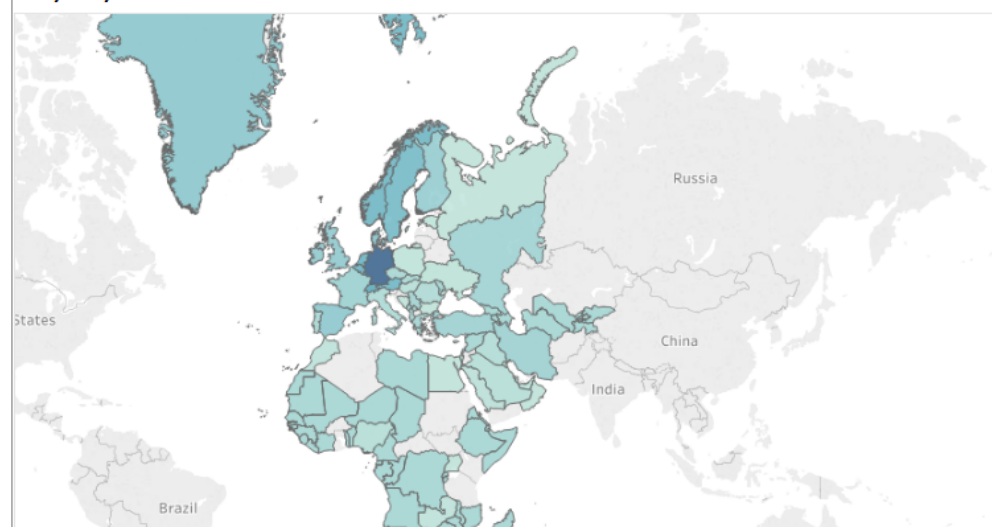
Potential Chapter Opportunities

This view identifies Sections with a minimum of 12 eligible Society members for potential Chapter formation.

- Refine data through filters and view results. Change filters if no visualizations appear.
- Hover over a visualization to display a tooltip with statistical facts.

Region: R8 Council: (All) Section: (All) Society: (All) Grade: (Multiple values) Member Count: 12

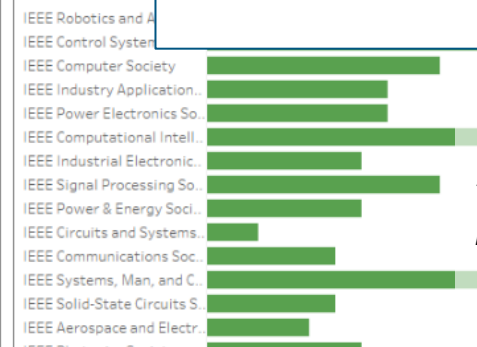
Analysis by Section



Cooperation triangle

- Region 8 ChCsC
- Region 8 Sections/subsections
- IEEE Societies

Chapter Opportunities



Members by Section/Grade



How to get info:
IEEE OU Analytics

→ **Map**
→ **Potential Chapters**
→ **Region=R8**

Report on Chapter's Event Counts (vTools Events based)

Prepared by IEEE Region 8 Chapter Coordination subcommittee (ChCsC). Contact email: chapters.officer@ieee8.org

Region	Geo-code	Section	SPOID	Name	Type	2019	2018	2017	2016	2015
8	R 80 015	UNITED KINGDOM AND IRELAND	SBA18851	Glasgow Caledonian University, WIE	Affinity	0	0	0	0	0
8	R 80 015		LM80015	LIFE MEMBER	AFFINITY	2	5	3	3	7
8	R 80 015		WE80015	WOMEN IN ENGINEERING	AFFINITY	4	9	6	6	1
8	R 80 015		GD80015	YOUNG PROFESSIONALS	AFFINITY	1	7	8	21	2
8	R 80 015		CH08098	AES10	CHAPTER	0	0	0	0	0
8	R 80 015		CH08432	AES10/OE22/GRS29	CHAPTER	0	2	0	0	1
8	R 80 015		CH08039	AP03/ED15/MTT17/PHO36	CHAPTER	0	3	4	8	11
8	R 80 015		CH08401	BT02/CE08	CHAPTER	3	7	50	24	9
8	R 80 015		CH08031	C16	CHAPTER	0	5	3	2	15
8	R 80 015		CH08030	CAS04	CHAPTER	0	4	4	4	0
8	R 80 015		CH08381	CIS11	CHAPTER	0	0	4	5	0
8	R 80 015		CH08045	COM19	CHAPTER	4	2	0	3	3
8	R 80 015		CH08045	COM19 (UK)	CHAPTER	4	2	0	3	3
8	R 80 015		CH08415	COM19/CS23 (IRELAND)	CHAPTER	0	2	4	9	0
8	R 80 015		CH08032	CS23	CHAPTER	0	0	2	4	4
8	R 80 015		CH08415	CS23/COM19	CHAPTER	0	2	4	9	0
8	R 80 015		CH08678	DEI32	CHAPTER	3	1	3	3	3
8	R 80 015		CH08452	E25	CHAPTER	0	0	0	2	2
8	R 80 015		CH08804	ED15	CHAPTER	0	0	0	21	11
8	R 80 015		CH08738	ED15 (SCOTLAND)	CHAPTER	0	3	4	3	2
8	R 80 015		CH08729	ED15/PHO36 (DUBLIN)	CHAPTER	0	0	0	2	7
8	R 80 015		CH08284	EMB18	CHAPTER	0	1	1	7	5
8	R 80 015		CH08086	EMC27	CHAPTER	0	3	5	10	10
8	R 80 015		CH08239	IA34	CHAPTER	21	22	17	2	6
8	R 80 015		CH08623	IE13	CHAPTER	0	1	2	1	2
8	R 80 015		CH08379	IM09	CHAPTER	0	3	4	4	0
8	R 80 015		CH08258	IT12	CHAPTER	1	0	0	2	3
8	R 80 015		CH08035	MAG33	CHAPTER	5	4	2	9	12
8	R 80 015		CH08432	OE22/GRS29	CHAPTER	0	2	0	0	1
8	R 80 015		CH10142	PE31	CHAPTER	12	6	22	27	20

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Search Term Organizational Unit Date Range

R8 - Europe, Middle East, Africa - Region Upcoming Search

Showing 50 of 174 upcoming events, based on search criteria. 1 2 3 4 Next > Last >

Title	Date	Host	Location	Options
[WEBINAR] Applications of big data and artificial intelligence to smart grids	17 Mar 2021 04:00			
IEEE SPS Challenge Series I - Current Image Analytics Challenges in Retail Sector	17 Mar 2021 07:00			
Data Science Predictions	17 Mar 2021 08:00			

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Please fill out the event information below to create a new IEEE event. Click on a section below to open the form to enter event information and show form options.

DETAILS

* Denotes a required field

Title * Category * Sub-category *

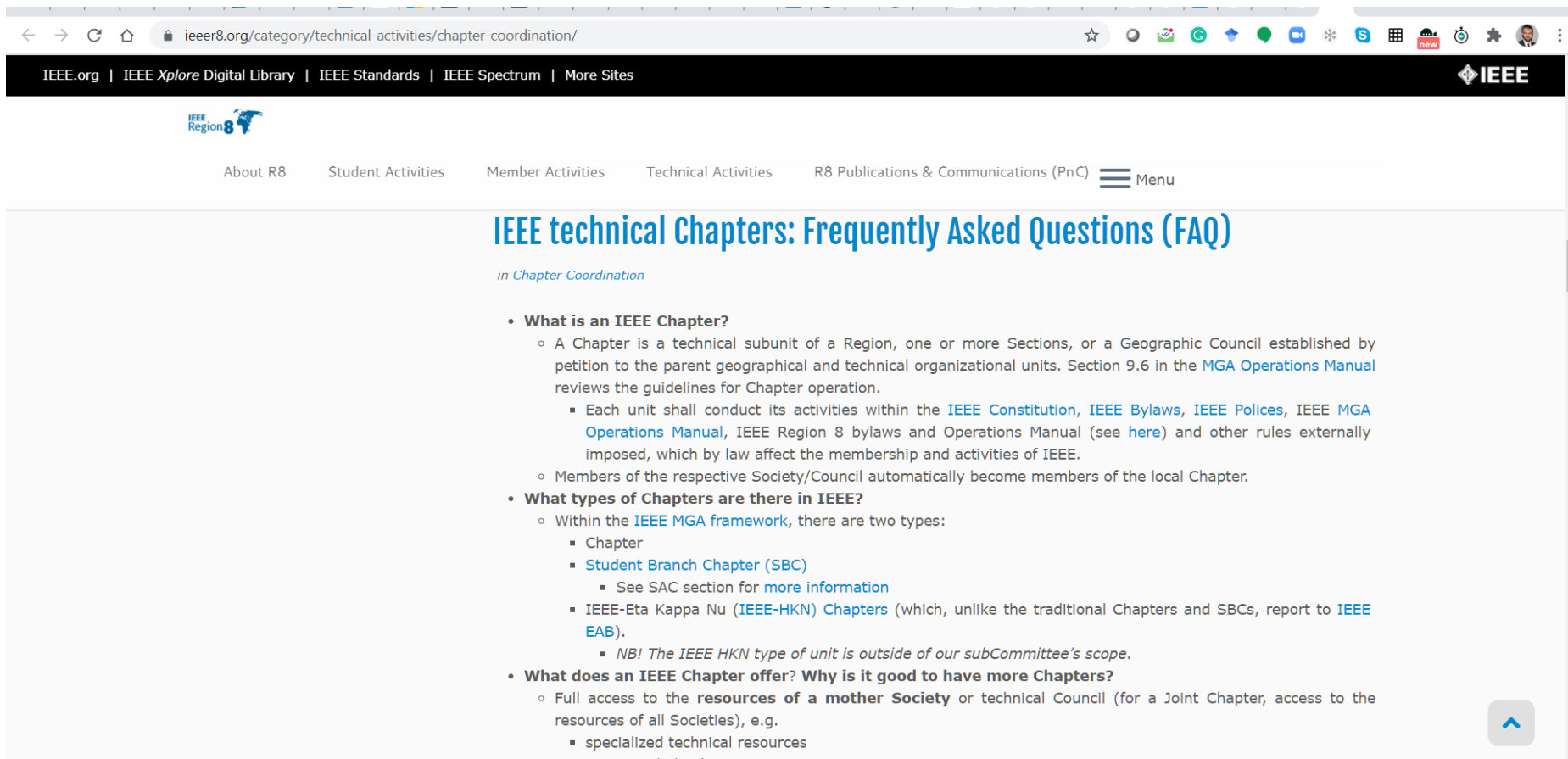
Select one ... Select one ...

Start time * End time * Time Zone *

Description *

Powered by TinyMCE

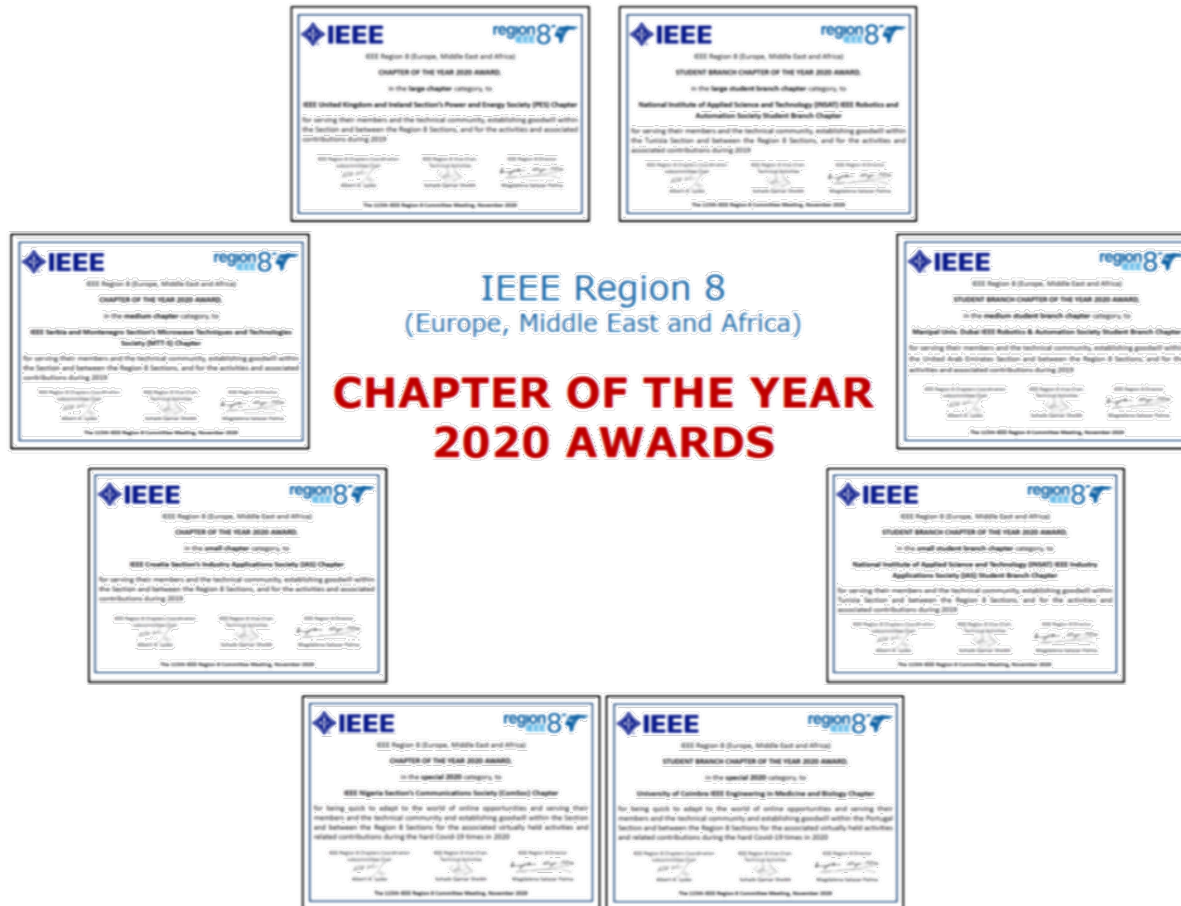
ChCsC web site with FAQs (now updated!)



The screenshot shows a web browser displaying the IEEE Region 8 website. The address bar shows the URL ieeer8.org/category/technical-activities/chapter-coordination/. The website header includes navigation links: IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites. The main navigation menu includes: About R8, Student Activities, Member Activities, Technical Activities, R8 Publications & Communications (PhC), and a Menu icon. The page title is "IEEE technical Chapters: Frequently Asked Questions (FAQ)" with the subtitle "in Chapter Coordination". The content is organized into a list of questions and answers:

- **What is an IEEE Chapter?**
 - A Chapter is a technical subunit of a Region, one or more Sections, or a Geographic Council established by petition to the parent geographical and technical organizational units. Section 9.6 in the [MGA Operations Manual](#) reviews the guidelines for Chapter operation.
 - Each unit shall conduct its activities within the [IEEE Constitution](#), [IEEE Bylaws](#), [IEEE Polices](#), [IEEE MGA Operations Manual](#), [IEEE Region 8 bylaws and Operations Manual](#) (see [here](#)) and other rules externally imposed, which by law affect the membership and activities of IEEE.
 - Members of the respective Society/Council automatically become members of the local Chapter.
- **What types of Chapters are there in IEEE?**
 - Within the [IEEE MGA framework](#), there are two types:
 - Chapter
 - **Student Branch Chapter (SBC)**
 - See SAC section for [more information](#)
 - IEEE-Eta Kappa Nu ([IEEE-HKN](#)) [Chapters](#) (which, unlike the traditional Chapters and SBCs, report to [IEEE EAB](#)).
 - *NB! The IEEE HKN type of unit is outside of our subCommittee's scope.*
- **What does an IEEE Chapter offer? Why is it good to have more Chapters?**
 - Full access to the **resources of a mother Society** or technical Council (for a Joint Chapter, access to the resources of all Societies), e.g.
 - specialized technical resources
 - grants, scholarships

R8 Chapter Awards



Very briefly IEEE **Chapters:** **what it is, what it offers, how** **it works**

Requirements for a Chapter

Min requirements

12+ members of a given IEEE Society (GSM+)

Technical activities ≥ 2 per year

Typical Structure

Chair, Vice-Chair, Treasurer, Secretary (elected)

Members

Office term 1-4 years (usually 2 years)

Main document:

IEEE MGA Operations Manual

<https://mga.ieee.org/board-committees/operations-manual>

Sample activities

Professional technical talks and workshops

e.g. Local **or** IEEE Distinguished Lecturers and Speakers

Professional non-technical talks

Workshops

Especially for Student Branch Chapters

Trips to industry

Bringing industry to you

Organizing local conferences

Bringing big international conferences to RSA

Social functions

...

Resources ~~(hands-on)~~

Resources available from

MGA, R8, (geographic) Africa Council, Section
Society, technical Council

R8 Chapters Coordination subcommittee pages
FAQ, R8 Awards

Types of resources

Regular annual funding from IEEE

Funding for specific events can be requested

USD1000 easy, up to USD5k-USD10k

Access to Distinguished Lecturers (Society)

Access to Professional Speakers (R8)

Membership in committees contributing to promotion of the future
of technologies

Awards to members - a way to appreciate activity by members

Awards to best Chapters

Systems for daily (weekly/monthly) use

VTools

- Voting (for Elections)

- Officer reporting

 - Need to review timely, otherwise system drops leadership credentials

- Events

 - Event report submission + Creates a web page for an event

- eNotice (to inform members about events)

- Doodle, SurveyMonkey (to learn about the opinions, make decisions)

- Remote conferencing (WebEx ... but any other system too)

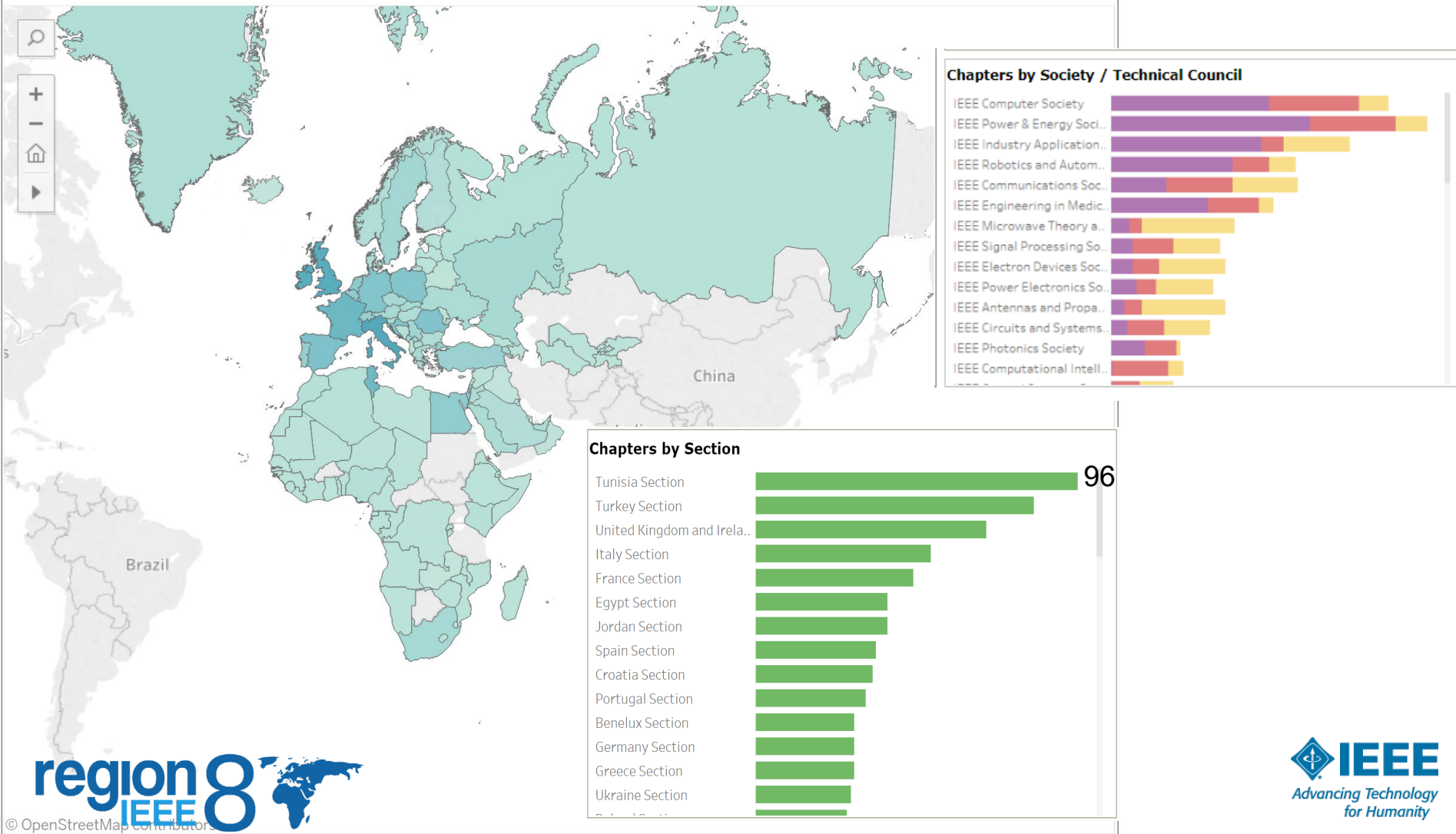
- ...

OU Analytics

- Membership information (email, address, phone, grade, ...)

OU Analytics Example (before 2021):

Analysis by Chapter



How to start, maintain, improve Chapters

Start a Chapter → **More activities in Section**

- visiting the IEEE Geographic Unit Formation Policies and Petitions website. Select "Access Petition Form". Log in with your IEEE Account credentials and select Chapter. Follow the step-by-step instructions to submit the petition.
 - An eligible *Organizer* must be an active IEEE Graduate Student Member or higher for a minimum of six months, a member of the Section, and an active member of the sponsoring society/ies.
 - Starting a new Chapter/ Student Branch Chapter requires 12/6 signatures

Maintain Chapters

- Min 2 technical events per year (more is better → **awards**)

Improve activities

- Get people excited about volunteering, use the resources from Society, advertise events, get sponsors, get in touch with academia and industry and offer them to speak to your audience

Please visit our home page at <https://ieeer8.org/category/technical-activities/chapter-coordination/> for more info

Sample IEEE resources

[IEEE Distinguished Lectureship](#) (in technical advances and soft skills) programmes and related initiatives offers access to the technical leaders in various fields (how-to-do guide [available](#))

IEEE Conference reg. fee discounts (usually covers annual membership)

IEEE [EPICS](#) (*Engineering Projects in Community Service*) Projects, with funding up to US\$100k

Other means of IEEE [funding](#) opportunities (Seed grants, Women in engineering, [pre-university](#) e.g. **TISP** - Teacher in Service Programme...)

[Grants from IEEE Foundation](#) (US\$5k-USD100k)

Support for Student branches and Student Branch Chapters (*plus from mother Society*)

[Conference organizing support](#) for conferences wishing for support from South African Section

Over 400 quality technical [courses](#) including [free tutorials](#) and [IEEE TV](#); [Leadership courses](#) (some may be access restricted to active volunteers)

IEEE Foundation listing (excl.

Name of funding	Amount (in USD)	Description
IEEE NEW INITIATIVES COMMITTEE	\$100k+ / \$40k+	Initiatives of strategic importance to IEEE
EPICS in IEEE	\$1k to \$10k	empowers students to work with local service organizations to apply technical knowledge to implement solutions for a community's unique challenges
IEEE STUDENT ENTERPRISE AWARD	\$1500	provides financial help to Student members who are looking to implement an idea for a project (while simultaneously strengthening Student Branch programs).
IEEE HUMANITARIAN ACTIVITIES COMMITTEE	\$20k to \$100k	support local IEEE volunteers identifying community challenges and providing solutions locally
IEEE WOMEN IN ENGINEERING (WiE)	\$750	IEEE WIE Travel Grant program provides grants for IEEE WIE members to attend and present at IEEE sponsored conferences or to participate in IEEE WIE sponsored events.
IEEE MGA - IEEE STUDENT TRANSITION & ELEVATION PARTNERSHIP (STEP)	\$500	Supports the transition from Student member to Young professional, incl. the graduation reception for groups holding an event with a minimum of ten recent graduates.
IEEE STANDARDS UNIVERSITY – STUDENT GRANTS	\$500	IEEE offers grants to undergraduate and graduate students and to faculty mentors to help with graduate and capstone design projects with an industry standards component
IEEE REGION 8 VOLUNTARY CONTRIBUTION FUND	\$1000	1) Travel support for participation in conferences that are located in Region 8 and organised or sponsored by IEEE R8 organisational units. 2) Support for IEEE Student Branch Technical Activities within the Region 8.

IEEE Distinguished Lecturer / Speaker and IEEE Region 8 Professional Speaker programmes

IEEE Distinguished Lecturers

Carefully selected engineering professionals who help lead their fields in new technical developments and travel to lecture (430k members → easy to select the best)

The DLs can help to promote and advance research on given topic(s), play role of conference keynote speakers (but then need to speak at several other locations) etc.

Best speakers are selected (typically up to around 10-50 per IEEE Society per year)

The speakers may be invited to give talks

The trips to give talks are funded by the IEEE Societies (usually US\$1500 to US\$3000 per international trip)

IEEE Distinguished Speakers

Lower cost version (offered by some Societies), when just a portion of a trip needs to be funded

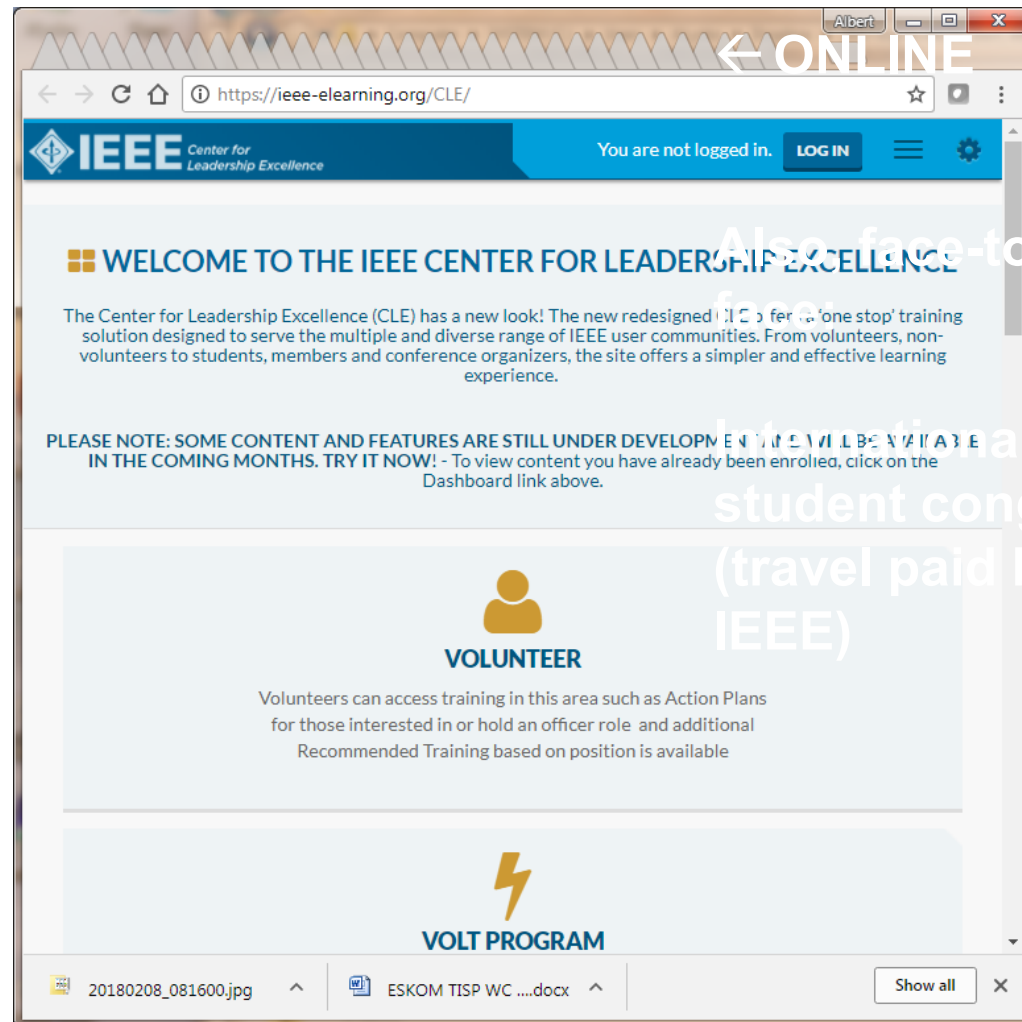
IEEE Region 8 Professional Speakers

motivational or non-technical speakers, e.g. around Marketing, Sales, Product Management, Value Proposition, Consulting Skills, Organisation Development, Networking, Startup@ Program – Entrepreneurship – Innovation, Early Career Stress Prevention, Stress and Time Management, Leadership for Business Success, Making Successful Presentations, Writing journal papers, ...

<http://www.ieeer8.org/category/member-activities/professional-activities/speakers>

Possibility to establish a South African Joint Distinguished Lecturer programme

Leadership Excellence training with IEEE CLE



IEEE = reputation + top impact + new opportunities

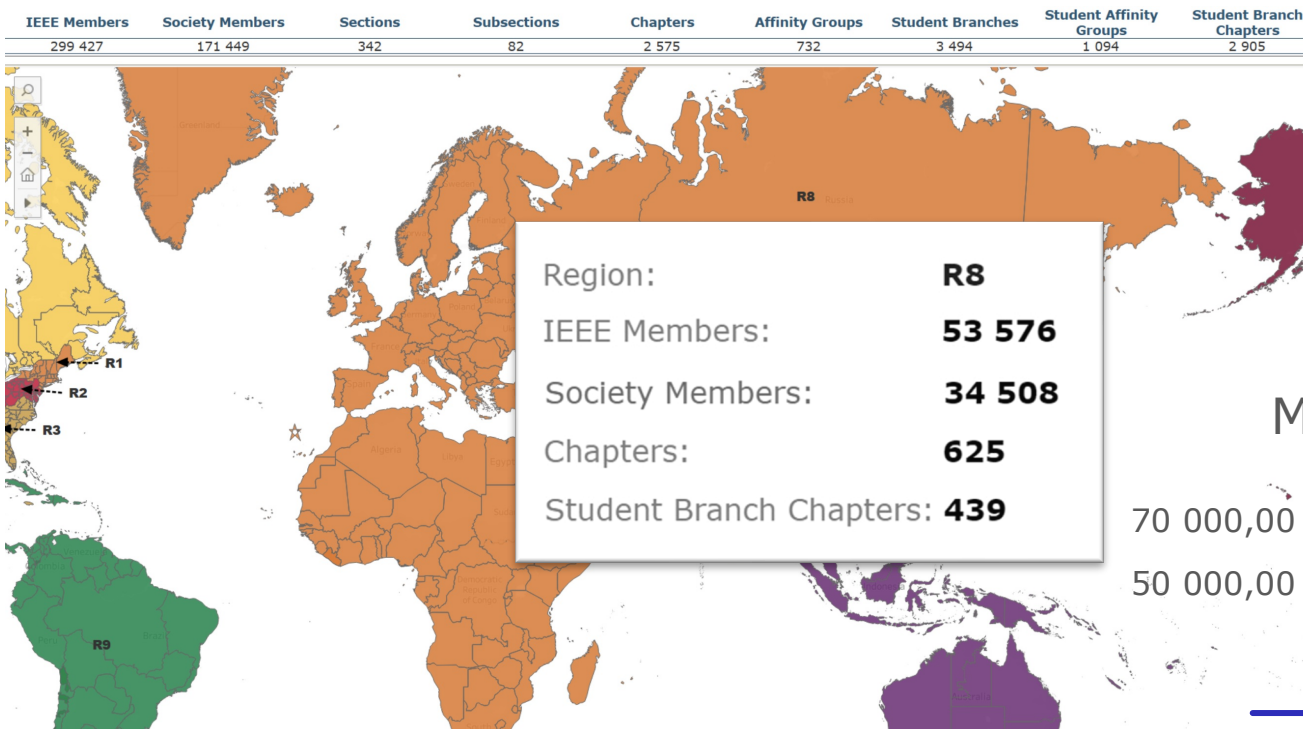
Question from me:
What would YOU like to achieve with IEEE?

ANY QUESTIONS?

Chapters Coordination SC 2021: Status

- ▶ Overall status:
 - 34508 members of Societies
 - 625 Active Chapters
 - 439 Active Student Branch Chapters
- ▶ Status on new chapters created since last meeting:
 - 10 new Chapters are created
 - 14 new Student Branch Chapters are created
- ▶ Chapters dissolved:
 - 5 Chapters were dissolved VS 4 Chapters dissolved in 2019

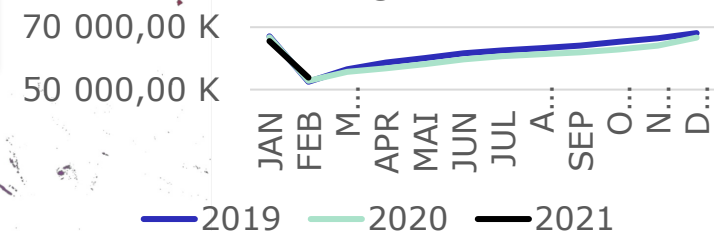
Chapters Coordination SC 2021: Status



While January 2021 month-end witnessed a decrease in Society memberships by 1,200+, or 0.1% compared to last year, the situation improves in month-end February, with best results for last 2 years.

R8 Society

Membership 2019-2021



Chapters Coordination SC 2021: PRESENT

Monitoring current state of R8 Chapters

- analysis of newly formed & dormant/inactive chapters
- analysis of previously awarded chapters

Chapters Coordination SC 2021: PRESENT

Collecting and promoting best practices relevant to opening, revitalizing and running successful Chapters

- sharing best Chapter coordination practices
- creation of annual working plans for Chapters

Chapters Coordination SC 2021: PRESENT

Chapter Chairs training

- ChCSC track @ 2021 R8 Volunteer Training Workshop (organized with MDSC – first half of 2021)
- Chapter Chairs training Workshop (end of 2021)
- eNotice & virtual talks on relevant topics (by ChCSC plan + on-demand)

Chapters Coordination SC 2021: PRESENT

Organization of the R8 ChCsC awards ceremony

- R8 ChCsC award procedure - 2 Year Best awards (Technical Chapters & Student Branch Chapters) with 3 categories (Small, Middle and Large) and 1 Year Best Special award (Most Virtually Active and Adaptive Region 8 Chapter/Student Branch Chapter of the Hard COVID-19 Times) with 2 categories (Technical Chapters & Student Branch Chapters)

Chapters Coordination SC 2021: Future

Discussion & Questions