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IEEE SE MN2021-Q1

## Editorial

The new board of the IEEE Sweden section welcomes every member to another great year. We believe in openness, local and international collaboration, and the free flow of talent and ideas from every member that cut across industry and

academia. We solicit for your input as we hope to have a long and successful journey together. There shall be meetings, conferences, and other events that will provide a forum for the discussion of those technical and humanitarian conversations. The IEEE Sweden section remains

committed to providing a safe, productive, and welcoming environment to all conferences, events, and meeting participants who engage with IEEE in these discussions.

We kindly ask for contributions, feedback, and involvement from our readers. Submit to the Newsletter Editor, Dr. Celestine Iwendi [celestine.iwendi@ieee.org](mailto:celestine.iwendi@ieee.org)

## A message from the New Sweden Section Chair

Dear IEEE Member,

I am honored to start as the new IEEE Sweden Section chair after the Annual General Meeting had approved the new board for financial year 2021. Hopefully, serving as Swedish Section vice-chair for 2017-2020 was a good preparation to learn about the local Chapters and practices. I was also a vice-chair of Finnish Section for 2016-2017. Being an IEEE Distinguished lecturer for 2016-2019 allowed me to visit sister IEEE Sections in different regions spanning six different countries around the world. Everywhere I was greeted with IEEE spirit - by volunteers changing the world for the better with technology. I would like to thank the past chair Samarth Deo and Treasurer Christofer Silfvenius for the great job they did in keeping the Section active for the

past few years, and working hard in making the Section to receive multiple "Member retention" awards from the central IEEE body. I am confident of their cooperation in assisting the new board. For the priorities of my new position, I can list some areas of activities during this fiscal year. First is with the Nordic Sections, particularly Finland and building bridges for industry-academia collaborations. Joint events with WASP (Wallenberg AI, Autonomous Systems and Software Program) could be of mutual benefits. For bringing new members, it is important to activate and motivate the student branches and create value for professional members. Collaboration with ACM is already happening in joint Transactions and could be expanded. Unfortunately, due to COVID-19 restrictions we had practically no

traveling nor face-to-face meetings nor on-site conferences for a year. Even though telemeetings are declared as a "new normal" by some, I believe personal communication is essential for promoting new ideas and contacts. Otherwise, we can end up like in a tale about a man who decided to teach his horse not to eat. Let's hope the technology and vaccination can beat the virus and we can enjoy the travel again. Best wishes. Stay safe.



**Prof. Andrei Gurtov**  
Chair IEEE Sweden Section  
[gurtov@ieee.org](mailto:gurtov@ieee.org)

## **IEEE Sweden Section Annual General Meeting, 2021**

The Annual General meeting of the IEEE Sweden section took place on the 25<sup>th</sup> of March 2021 with the outgoing Chair, Samarth Deo making a presentation and thanking every member for the privilege to serve as the Chair. He also presented the Annual report for Fiscal Year 2020 published on the web since late February.

### **Election of Board Officers**

The Nominating Committee member, Thomas Svensson, presented the Nominating Committee's proposal. After discussion the list of Board members was approved as follows:

Andrei Gurtov, Chair  
 Viacheslav Izosimov, Vice Chair  
 Nasim Farahini, Secretary  
 Qinghua Wang, Membership Development officer  
 Biswajit Singh: Industrial Relations Officer  
 Celestine Iwendi, Information Officer and Newsletter Editor  
 Gerard Duff, Student Activities Chair  
 Treasurer: Temporarily Viacheslav Izosimov and Nasim Farahini

The main discussion points were as following:

- a) The AGM referred to by-laws before the above board was approved.
- b) The N&A will look for a Treasurer with support from the Chair after the AGM.
- c) AGM approved hiring an external accountant in case of operational difficulties if the N&A is unable to find a treasurer.

All proposals were approved by the AGM.

## **IEEE's response to COVID19**

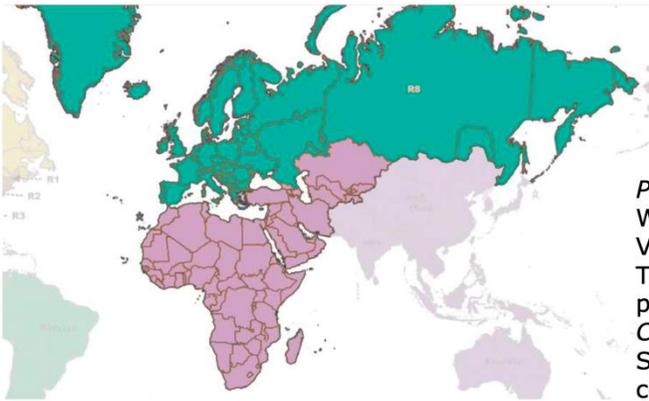
IEEE has made the following resources available to help in the fight against COVID-19:

- Datasets related to COVID-19 freely available on IEEE DataPort - <https://iee-dataport.org/>
- About 500 articles in Xplore related to COVID-19 are being offered to the worldwide scientific community for free - <https://spectrum.ieee.org/the-institute/ieee-news/covid19-related-research-and-technologies-free-to-access-in-ieee-xplore>
- EMBS is fast tracking review and publication of COVID-19 related research, data and analysis and then making it available open access.
- Educational Activities is running a series of webinars to help educators and parents learn about and use IEEE educational resources.

## News from IEEE R8 Spring 2021 Meeting

The 2021 Spring meeting of the IEEE Region 8 was held virtually, with over more than 100 participants from across Middle East, Africa and Europe. Among other things that were discussed at the meeting, a motion for splitting the IEEE Region 8 was moved with two options, as represented in the picture below, presented.

### R8 Proposal A



	Voting	Non-voting	Total
Europe (incl. Russia)	51 330	5 199	<b>56 529</b>
Middle East and Africa	12 232	8 466	<b>20 698</b>

	Sections	Subsections	Total
Europe	35	1	<b>36</b>
Middle East and Africa	24	9	<b>33</b>

**Pros:**

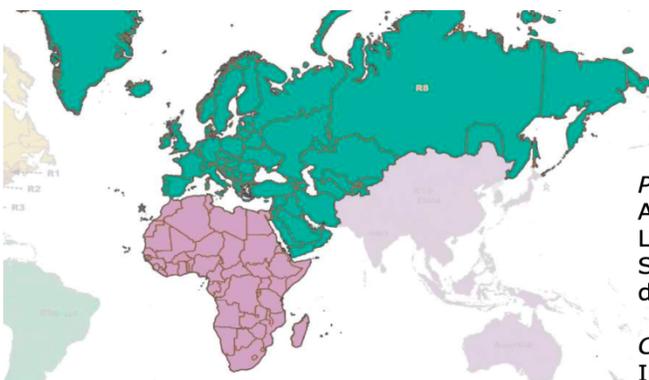
Well aligned with continents.  
Very well balanced in terms of GeoUnits.  
The smaller Region shows the greatest potential to grow.

**Cons:**

Some adjustments might be needed for few countries.  
The geographical sizes of both Regions are still very large.

Sweden Section representative, **Chairman of IEEE Sweden Section for FY 2020- Samarth Deo** participated in the meeting and voted in favor of Proposal A on behalf of the section.

### R8 Proposal B



	Voting	Non-voting	Total
Europe and Middle East	58 766	10 112	<b>68 878</b>
Africa	4 796	3 573	<b>8 369</b>

	Sections	Subsections	Total
Europe and Middle East	48	4	<b>52</b>
Africa	11	6	<b>17</b>

**Pros:**

Aligned with continents.  
Less challenges with unique countries.  
Student membership is growing in Africa, demonstrating potential for future growth.

**Cons:**

Initially, membership in Africa would be small. Financial sustainability can be solved with temporary support from other Region (formerly part of the current R8).

## Two Humanitarian Programs within IEEE soliciting application for projects focused on COVID19 Response

Given the global outbreak of COVID19, two humanitarian programs within IEEE- HAC ([Humanitarian Activities Committee](#)) and EPICS in IEEE ([Engineering Projects in Community Service](#)) are soliciting projects (student led or otherwise) that can help the communities around the globe, fight the pandemic. For more information, please visit their pages or feel free to get in touch with:

*Sampathkumar Veeraraghavan, 2021 Chair IEEE Humanitarian Activities Committee (HAC) at [sampa4k@gmail.com](mailto:sampa4k@gmail.com)*

*Samarth Deo, 2021 Chair EPICS in IEEE at [samarthdeo@ieee.org](mailto:samarthdeo@ieee.org)*

## Industry News: Biswajit Singh: New Industrial Relations Officer

Biswajit Singh has been elected as the new Industrial relations officer by the IEEE Sweden section. He is currently working as a Principal Engineer and Global Product Manager for ABB’s High Voltage Capacitors Product Line. He holds a Bachelor of Engineering degree with a specialization in Electrical Engineering, followed by a Master of Engineering with a specialization in Power Systems. He joined ABB in 2006 and started working with High Voltage Capacitors. His main focus is on HV capacitors for HVDC and FACTS applications, including capacitors for Voltage Source Convertors. Mr Singh is involved in a number of working groups under the IEC and head of Swedish delegation to TC-33. He is a Senior Member of the IEEE, mainly contributing to the building of standards and specifications for HV equipment. Mr Singh has authored numerous technical papers and holds several patents related to HV equipment. He is also a recognized reviewer for IEEE Transactions on Power Delivery.



## WIE News: Recent IEEE Sweden, Women in Engineering Affinity Group WiE Activity

+ Add to board

Very important event to mobilise our volunteers  
That is how I started many years ago.  
Adam Jastrzebski  
Treasurer IEEE Region 8  
*From Adam Jastrzebski*



Thank you for your efforts on this Virtual Sections Congress 2021 Sessions and leadership training. It was a great experience!  
Aniszet Kelati  
Chair, IEEE Sweden Women in Engineering (WiE) Affinity Group  
Chair, IEEE Sweden, Signal Processing (SPS) Section  
*From Aniszet Kelati*

It was a very exciting and a wonderful experience.  
*From Dheehika Lakshiyana*



Walt Downing, Life Senior Member



The Women in Engineering Sweden Section, (WIE Sweden) organized a workshop on “How to use Latex to draft a Journal paper”. The Speaker of the event was Dr. Marzieh Eini Keleshteri. The event took place on the 7th of April 2021. In this workshop, they learnt how to define a preamble from scratch - use proper packages - add figures and tables - set margins, headers, and footnotes - insert equations and keep them organized by numbering - cite references and create a bibliography using BibTeX - and more (<https://events.vtools.ieee.org/m/266537>). This workshop was suitable for beginners as well as more experienced users . While earlier in March, precisely March 8th, 2021, another talk was organised for the International Women’s day with notable Speakers that includes Ph.D. Candidate Amleset Kelati and Professor Lina Bertling Tjernberg. Check it out @ <https://events.vtools.ieee.org/m/263152>. Meanwhile, the Chair also participated in the IEEE Sections Congress Virtual Training 2021 that held in April 9-11, 2021 @ <https://www.kudoboard.com/boards/P6iznG61>

## IEEE Linköping Student Branch Call for Positions

The new appointed chair of IEEE Linköping Student Branch, **Suleman Khan**, an upcoming PhD student in the Department of Computer and Information Science (IDA) at the Linköping University seek volunteers willing to be part of the student body.

In case you are interested in serving on the board and helping the student branch, please contact Suleman at [suleman.khan@liu.se](mailto:suleman.khan@liu.se)

The outgoing treasurer of the section, Christofer Silfvenius, was presented with a plaque on behalf of the section, for his dedication and outstanding work all the past years.

## Recognizing our past Treasurer: Christofer Silfvenius



## Sites for Success

IEEEXplore: <http://ieeexplore.ieee.org>

IEEE ResumeLab [http://www.ieee.org/membership\\_services/membership/resumelab](http://www.ieee.org/membership_services/membership/resumelab)

IEEE Job Site <https://jobs.ieee.org>

IEEE Student scholarships, grants and fellowships:

<https://www.ieee.org/membership/students/scholarships-grants-and-fellowships.html>

IEEE Membership

<https://www.ieee.org/membership/index.html>

IEEE Women in Engineering

<https://www.facebook.com/ieewomeninengineering>

IEEE University Partnership Program:

<https://www.facebook.com/ieee.upp>

IEEE Member and Geographic Activities Operations Manual

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

## Upcoming events

**SAIS Workshop 2021:** 33rd SAIS Workshop: SAIS 2021. This edition of the annual workshop of the Swedish Artificial Intelligence Society (SAIS) will be held as a hybrid conference on June 14 – 16, 2021. The tentative physical venue (with social distancing) will be A109 (LTU, Luelå campus) while the online channels will be Zoom and Slack.

**Compound Semiconductor Optics and Photonics in Sweden (OPS-2021):** The Optics and Photonics in Sweden (OPS-2021) conference is organized by PhotonicSweden and Umeå University. The general chair is Prof. Ove Axner, Department of Physics, Umeå University. October 6 @ 09:00 - October 7 @ 17:00. Since 2016 the IEEE Photonics Society Sweden Chapter has sponsored the Best Poster Awards at OPS. This year it will be three (3) Awards: 1x Best Poster Award (3 000 SEK) and 2x Best Poster Distinctions (1 000 SEK each).

**ONDM 2021:** 25th International Conference on Optical Network Design and Modelling (ONDM-2021) is organized by the Optical Networks group at Chalmers (Prof. Paolo Monti, et al). The venue is Gothenburg on 30-May – 3-June 2021. IEEE Photonics Society Sweden Chapter will sponsor the Best Paper and Best Poster Awards.

As a part of the **Compound Semiconductor Week (CSW-2021)** Prof. Qin Wang (RISE/KTH) is organizing a **Women-in-STEM symposium** with several invited international speakers. The event is sponsored by **IEEE Sweden Section**, as well as **IEEE Photonics Society Sweden Chapter** through IEEE Chapter Grants. The CSW 2021 venue is at the Münchenbryggeriet in Stockholm on 9-13 May-2021 (the symposium is on Monday 10-May).