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IEEE SE MN2019-Q1

Editorial

The spring is coming and soon IEEE Sweden will dance our dance and sing our song together of breakthroughs because every great gain begins with common thinking empowered by unity of purpose. Our focus is to be marked with excellence and integrity in our engineering practices. Therefore, if we remain connected and committed with IEEE Sweden Section, we shall enjoy limitless possibilities. We

urge every member to see the benefits of collaboration, participating in IEEE activities. Meanwhile, the board is grateful to committed members of IEEE Sweden section and as Newsletter Editor, I remain thankful for the opportunity to serve. This year, the leadership has put in place strategies which include educative conferences, hopeful collaborations with Companies and workshops.

IEEE Sweden section will continue to put our efforts to help with your career and personal development.

This Newsletter is subject to continuous improvements and aims at sharing information with IEEE members. Hence, we kindly ask for contributions, feedback and involvement from our readers. Please submit to the Newsletter Editor, Dr. Celestine Iwendi celestine.iwendi@ieee.org

A message from the Sweden Section Chair

Dear IEEE Members,

It's been a great start of the year for the IEEE Sweden Section. Given that the financial year ends at the end of March, we have some interesting updates for you.

To begin with, the Annual General Meeting of the IEEE Sweden Section took place in the middle of March in Stockholm. Many board members were re-elected for a second-year term while we have some new energy coming into the board too. We thank the outgoing members of the board for their efforts

and contributions.

Soon after the board meeting, I had the opportunity to participate in the 112th IEEE Region 8 meeting in Malta; together with our treasurer Christofer. The meeting was very successful and loads of new ideas were shared during the meeting.

The Young Professionals, Students and Women in Engineering have had a meetup, which I also participated in Stockholm. They have an ambitious plan of hosting the 3rd IEEE Nordic Students and Young Professionals Congress in Stockholm later this year.

Details of the events to follow but we do wish the Young Professionals and students a very good luck.

Many more events to follow, we will keep you updated as we plan them. For now, I wish you and your family a Happy Easter.



Samarth Deo,
Chair IEEE Sweden Section

IEEE Sweden Section AGM Report

The IEEE Sweden Section Annual General Meeting, FY 2018 took place on the 13th March 2019 at 18:00 at KTH Campus Library, Stockholm City. A total of 29 members registered for the event with some joining over the web.

The current chair, Samarth Deo presented the annual report while Christofer Silfvenius as the treasurer presented the financial status including the auditor's report. Both are available on the IEEE Sweden Section web: www.ieee.se

The nomination committee chaired by Alberto Lorente Leal; members- Igor Gazdik, Luis Guillermo described the nomination process for the new board and proposed a new board for the fiscal year 2019-2020. The following new board was elected according to nominations

| | | |
|----------------------|------------------------|------------------------|
| Samarth Deo | Chairman | |
| Andrei Gurtov | Vice-chair | |
| Nasim Farahini | Secretary | (New to board) |
| Christofer Silvenius | Treasurer | |
| Celestine Iwendi | Information/Newsletter | |
| Viacheslav Izosimov | Industrial Relations | shared with Björn |
| Björn Sonerud | Industrial Relations | shared with Viacheslav |
| Qinghua Wang | Membership Development | |

The new nomination committee was elected including Alberto Lorente, Igor Gazdik and Lars Herre for 2019.

We thank Prof. Arnold Pears for his contributions in 2018 and wish him a good luck for the years to come.

The evening ended with a lecture by our new IEEE Fellow in Sweden, Prof. Mikael Skoglund, KTH Royal Institute of Technology, who gave a speech on "Private Information Retrieval".



Cross section of IEEE members in attendance at the AGM



IEEE Swedish Section Chair presenting the award to the new Fellow, Prof Mikael Skoglund

Report from the IEEE Region 8 Meeting in Malta in March 2019

I had the pleasure to join the IEEE Sweden Section Chair at the IEEE Region 8 (R8) Committee meeting in Valetta, Malta between March 15th and 17th 2019.

First, one must appreciate how large the Region 8 is, it is the largest geographical area of all IEEE regions (covering Europe including Russia, Middle East and Africa).

The discussions covered more than the R8 region. Information about IEEE in general was delivered by the global representatives from various committees in IEEE.



The main R8 goals are currently to have technical activities closer to industry, reinforce relations between Societies and Technical Councils, consolidate the R8 flagship conferences and support the IEEE Africa council. I also learned that if you do not meet the qualifications for being a member, it is possible to become an associate to benefit from partnership with IEEE.

I realized the challenge as well to understand how IEEE is structured when it comes to definitions like Regions, Societies, Affinities, Chapters, Councils and Divisions. I learned that Regions, Sections and Chapters all have a geographical connection while Societies, Affinities are defined by interests. On top of this, in total

39 Societies and 7 Technical Divisions are grouped in total 10 Divisions. I could see that my own SIT Chapter (Social Implication of Technology) was placed in the Division of Engineering. If a Society has no major technical interest, it is called an Affinity group. The major Affinity groups are the Consultants Network, Life Members, Women in Engineering, Young Professionals, Entrepreneurship and Special Interest Group on Humanitarian Technology.

I also learned that groups of Societies can be grouped together to form a Council. And I later learned that there is no membership requirement to join a Council, sounds like a good deal!

It was great meeting Nordic colleagues and by chance being seated next to IEEE presidency candidates to learn about plans and visions. It was also a pleasure to meet and lunch with the Africa Council, especially since my employer is active in eastern and southern Africa building capacity for energy efficiency requirements on products.



I (in the middle), with the Chair of Sweden Section (left) and Treasurer of Finland Section (right).

The meeting venue had a beautiful view of the Valetta harbor while the ambitious agenda included appreciated social activities in form of sailing in the harbor area of Valetta.



View from the venue



Sailing in the harbor at Valetta

Followed by a splendid dinner in a spectacular building called the Casino, which ended up in spontaneous dancing when a local brass band played smoke on the water and other modern classics!

I hope other Section members will have the opportunity to join in future regional meetings to get a glimpse of all activities and background work that keeps IEEE moving. Into a green future I hope.

On the way home, I had a beautiful view of the Etna volcanoes on Sicily's east coast. A great end of a great weekend.



The presentations from the R8 Valetta meetings can be downloaded here:
<https://ieeer8.org/category/committee/meetings/2019-march-valletta/>

Written by:
Christofer Silfvenius; Treasurer, IEEE Sweden Section

Lunch meetup of the Young Professionals, Student Branches and the Women in Engineering in April

In early April the chairs of women in engineering, WIE, young professionals, YP, and student branch, SB, representatives met in Stockholm over lunch to discuss how to improve experience for their members. The Sweden section chair and head of YP international were also in attendance.

The discussion and ideas were as strong as the coffee and revolved around how best to provide value to WIE, YP and SB members going forward. Focusing industry meets on more technical themes to encourage a greater turnout at student events, working on improving our marketing, and better promoting the many benefits of being an IEEE member, and the upcoming Nordic SYP (cohosted between Sweden and Finland, taking place in both countries and a ferry in-between) were discussed at length.

It was a productive day, and the cornerstones of how to improve collaboration and planning of future events between the chapters are now in place.



Picture - right to left:

Samarth Deo - Chair IEEE Sweden Section

Flavia Dinca - Chair IEEE Young Professionals

Amlaset Kelati - Vice Chair IEEE Sweden Section Women in Engineering

Elena Vasileva - Chair IEEE Sweden Section Women in Engineering

Gerard Duff - Chair IEEE Young Professional Sweden Section

Gabriel Miguel Gomes Guerreiro - Chair KTH Student Branch PES Chapter

Young Professionals launch “fika with student’s” event series

During March YP launched their “Fika with student’s” series in Gävle. Despite the snowstorms and pending exams, turnout was brisk.

The intention is to get closer to the students and give students a chance to interact with fresh graduates working in the industry. This is directly in alignment with the “Action for industry” call by IEEE Region 8.

The first half of the Fika was an introductory presentation to IEEE YP, and the second half of the presentation was on the new micro volunteering platform, and how it can be used for extracurricular projects to enhance graduates’ CVs. Students in attendance, having been snared with the promise of free fika, were then put to work and split into groups to come up with potential ideas to help advance technology for humanity. Ideas were varied and ambitious, from plans on how to effectively manage university resources to how 5G can be harnessed in safety applications.

Overall the fika was a success made by the enthusiastic and engaged students, and the series will hopefully be rolled out to other universities soon.

Upcoming Events in the section

1. [4th IEEE European Symposium on Security and Privacy](#)

June 17 - June 19

2. [12th International Symposium on High-Level Parallel Programming and Applications \(HLPP-2019\)](#)

July 3 - July 5



**2018 Outstanding Section Membership
Retention Performance**

Sweden Section