

A Travel Report on attending 3rd IEEE Nordic SYP, Stockholm

Debesh Jha

3rd IEEE Nordic Student and Young Professionals (SYP) Congress

The third IEEE Nordic SYP was a 3-day event for students and young scientists from the Nordic and Baltic countries. The event was a bi-annual event that was focused on promoting the cooperation and sharing of research ideas between Nordic students, young professionals. The event was targeted to all the IEEE members/non-members, including IEEE young professionals affinity groups, Women in Engineering (WIE) affinity groups.

The main goal of the event was to provide equal opportunities to grow our global network, share ideas and skills to advance our career, and form a possible collaboration within IEEE and outside of IEEE members. The events had several exciting presentations and talks, workshops, and team-building activities to work in a group. The talks and presentations were more focused on sustainability and engineering in a smarter, more efficient way. The presentations about sustainability, emerging technologies, leadership skills were fascinating.

Day 1

On Day 1, the Nordic SYP 2019 organizers welcomed us where we were sailing to Finland from Stockholm. Introductory talks and lectures followed the welcome program. The talks were mostly related to the need for sustainability and why the event was essential for us. This was followed by a welcome talk from R8 SAC Vice-chair and student activities committee talk whose goal was to attract new members to join IEEE student branches and to keep them active and interested.

After a brief talk about Young Professional, there was a quiz related to sustainability where one of our colleagues from the Coins (Ashish Rauyinar) won the quiz competition along with his teammates. In the quiz, each of the participants was supposed to make a statement related to sustainability. One of the statements from each team was supposed to be wrong. We had to identify who is lying. Based on the voting score, the organizers selected the winner. We had a dinner program after the Quiz.

Day 2

On Day 2, we arrived at Aalto University, Helsinki, where Finland IEEE YP welcomed us. There were a series of talks from the IT professionals from academia and industry. There was talk about "Electric vehicles- Benefits and challenges." This interesting talk was followed by a talk from Sandvik- Electrification, and digitalization of underground. The talk from Dr. Dmitry Petrov on Nokia -5G Network Automation and ML was fascinating. After that, there was a panel discussion about the Sustainability - The engineering responsibility.

There we got a chance to introduce with the IEEE members and YPs working in Finland, where we share our experience of working in academia and industry. Apart from them the talks, we visited around the university where we got chances to see some of the projects works done by the graduate and undergraduate students. After visiting university, we went back again to the Cruise, where we had to depart for Stockholm. In the evening, there was talk related to Women Engineers and equality, membership development, top-secret activity followed by gala dinner.

Day 3

On Day 3, the final day for the Nordic SYP 2019, we had breakfast on the board around 8:30 A.M. We got ourselves ready for Sweden. We arrived at Stockholm around 10:30 A.M. We headed toward KTH, where we were helped by Swedish volunteer to take the public

transport to KTH University. We greeted the organizers and congratulated them for organizing such a fantastic event and headed towards the Arlanda airport.

More details information about the 2019 IEEE Nordic Students and Young Professionals (SYP) Congress event can be found at: <https://nordicsyp.ieeer8.org/>

Concluding Remark

I am thankful to the COINS for granting me travel support, which provided me with an opportunity to attend 2019 IEEE Nordic Students and Young Professionals (SYP) Congress.

I could share my idea on sustainability to fellow researchers and learn from the distinguished speakers, gained valuable experiences, and also got a chance to meet a few research scholars from the same background. The event also allowed me to explore Aalto University, Helsinki. Moreover, It helped me to gain interest in organizing similar events in Norway or another part of the world.



Fig. 1. Welcome speech



Fig. 2. Welcome from Sweden Section Chair.



Fig. 3. Student activities committee introduction.



Fig. 4. Student activities committee introduction (II)



Fig. 5. Quiz competition



Fig. 6. Greeting from IEEE Finland Section.



Fig. 7. Participants attending the talks on 5G, Network Automation and ML at Alato University, Helsinki



Fig. 8.
Debesh Jha at Nordic SYP Congress 2019, at Aalto University



Fig. 9. Desta Hailellassie Hagos, Debesh Jha, Ashish Raayinar and other participant at Nordic SYP Congress 2019, at Aalto University



Fig. 10. Debesh Jha, Ashish Rauyinar, and other participant at the cruise back to Stockholm, Sweden



Fig. 11. Debesh Jha, Ashish Rauyinar, and other participant at the cruise back to Stockholm, Sweden