Section activities and achievements
Continuing with what we had achieved in 2017, we have been successful in keeping up the pace and do some fantastic activities during the year. Some highlights from the year include the lifetime workshop at the Swedish Energy Agency with Father of LiFi, Prof. Haral Haas and IEEE HVDC Seminar at Chalmers in Gothenburg.

Major Chapter Meetings and Events
The VT/COM/IT Chapter held 23 tech events, including a distinguished lecture tour, Swe-CTW 2018 in Linköping and a Wireless Vehicular Communications workshop at Halmstad. The Photonics Chapter had three technical meetings, including a seminar on “Integrated Quantum Frequency Combs” at Chalmers Univ. Tech. as an IEEE Distinguished Lecturer, a seminar on “Gas-source MBE of 3C-SiC on Si and growth of epitaxial graphene thereon”, and a workshop on “Li-Fi Technologies and Applications” with 11 invited speakers (organized jointly with Swedish Energy Agency and ISST). The PE/PEL Chapter held 8 technical events including one on HVDC transmission; the student chapter also participated in the congress in Brazil. The C Chapter had three technical events, the 12th MODPROD workshop in Linköping, next level test automation and SIREN- The Swedish Requirements Engineering Research Network. The ED Chapter held 6 technical events including a workshop on Two-Dimensional Soft Materials for Energy Storage and Conversion, Predictable Execution of Automotive Real-Time Applications on Many-Core platforms. The EMC chapter held 2 full day workshops and one technical meeting. One workshop on EMC in machinery in September and one (jointly with SNR) on EMC in vehicles in December. The IA Chapter is working on revitalization and open to activities in collaboration with other chapters in the coming year. The RA Chapter held 2 tech events including a seminar on Autonomous Driving at Scania – Research in Practice. The SP Chapter held 2 events in Stockholm. The SIT Chapter revitalized during 2018 and hosted seminars on LiFi workshop and Energy Efficiency soon after having their AGM. The EPS Chapter held 5 technical seminars via the monthly IEEE EPS seminar series held at Chalmers University of Technology.

The Women in Engineering (WIE) Sweden Chapter held 3 planning events, 2 technical events, besides supporting the YP (Young Professionals) Affinity Group in many of their events. The Young Professionals Affinity Group had their annual general meet where a new vibrant board was elected. After the elections, the board outlined their plans for the coming year and they are already working towards it, including launching a new website. Almost all the events by the WIE and YP group were executed with a healthy involvement of the student branches in Stockholm-KTH and in Gothenburg-Chalmers.

Board Activities
During 2018 the IEEE Sweden Section Board had 10 regular board meetings over Webex, one per month, and a face-to-face meeting at the AGM.
We continue to make progress and remain an example for the sections in Region 8 and worldwide. We also continue to support and invest in the next generation of leadership- SB YP WiE.
For the 6th year, we held a successful Chapter Chairs workshop with the Section, Chapters, YP, WiE and SB, with almost all chapters participating physically or via web; mutual learning, inspiration and cooperation.

International Activities
The spring edition of IEEE Region 8 meeting was held in Athens and attended by the Chair, Samarth Deo and the past-Chair, Mats Edvinsson. The autumn edition was held in Belgrade, Serbia, attended by the Chair, Samarth Deo. The students, young professionals and women in engineering got a chance to participate in two global events- the PES Student Congress in Brazil and the IEEE Region 8 SYP Congress in Portugal.
Samarth Deo was elected as the Chair of the EPICS-in-IEEE committee for 2019.
Arnold Pears was appointed as the Vice-President for publications of the IEEE Education Society from 1 Jan 2019.

Awards and Recognition
The IEEE Board of Directors selected Harold “Bud” Lawson to receive the 2019 IEEE Simon Ramo Medal, which is given for exceptional achievement in systems engineering and systems science. Elena Vasileva was presented a certificate of appreciation for her Notable Services and Contributions towards the advancement of IEEE and Engineering Profession.

Members
The Section has 2076 members, including associates and affiliates as on 27th Jan 2019, of which 304 Senior Members and 36 Fellows. The section was commended by MGA for meeting the retention goal for the 2018 membership year and was awarded a silver badge for this outstanding achievement.

IEEE Sweden Section Board FY 2018
Samarth Deo, Chair
Viacheslav Izosimov, Vice Chair
Christofer Silfvenius, Treasurer
Arnold Pears, Membership Development,
Qinghua Wang, Membership Development
Celestine Iwendi, Newsletter Editor
Andrei Gurtov, Board member
Bjorn Sonerud, Board member
Mats Edvinson, immediate past Chair

Stockholm, January 28, 2019
Samarth Deo
Chair, IEEE Sweden Section