Section Name   **Reporting Officer Name**

Section Vitality

Please provide information about the date of last Section elections, date of next elections, and do you have the practice of Vice-Chair becoming the next Section Chair. Section ExCom meetings (list them and provide brief summary if appropriate). List the activities carried out to retain and recruit members and the results obtained.

Last elections have been in January 2022, and Sanja Lazarova-Molnar (who was an Interim Chair) was elected as a Chair starting February 2022 and Amjad Anvari-Moghaddam as Vice-Char. We also appointed the ex-Vice-Chair (Anders Mynster) as a 2nd Industry Relations Officer. The regular bi-monthly ExCom meetings are ongoing. In May 2022, there was a physical meeting at the University of Southern Denmark, for the ExCom + Chapter/Affinity Group Chairs. This is also scheduled to happen again at the University of Aalborg in May 2023. This is a great event, especially after the COVID-19 period, when we couldn't physically meet. Throughout the year there has been an active email communication among the ExCom members.

Furthermore, we currently have elections for new chapter chairs and a Public Relations Officer (didn't exist until now) and new Young Professionals chair.

Because of the COVID-19 impact, the Section still is a bit idle, although there have still been a number of activities. The Section has also started organizing virtual events to attract different groups of people, hoping that soon physical events will once again become more common. Additionally, there have been a number of events that have shown an increased level of activities, as pointed out in the following sections.

The total number of section members is on par with what we have at this time of the year, 748. Ca. 7.5% are female and ca. 10.5% are of unknown gender. In addition, the section offers are well balanced between industrial and academic members, which is another aspect benefiting the membership development of the entire section. We provide more details on the activities in the information on the section vitality, which are both very tightly related.

Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting. List the student meetings held and Section activities addressed to Students and Young Professionals.

There has been no student activity since the last report. The two students branches in the IEEE Denmark Section have been a bit idle during the lockdown period, and now, are gradually resuming the activities, e.g., making newsletters, organizing online events, etc. The Section as usual will continue support students and young professionals, keep the student branches active, and co-organize events with YP and WiE AGs, in order to attract more students and young professionals. This is also one of the reasons why we are electing a new YP chair.

In particular, the student branch at Aalborg University relaunched the branch with completely new members and did a lot of recruitment by some online advertising and distribution flyers and finally, by carrying a summer social event with a lot of participants where we succeeded in recruiting new members, so we actually have a fully functional Aalborg University student branch at this point.

Affinity Groups

List of Affinity Groups (YP, LM, WiE, SIGHT, etc.), list of SB AGs, newly formed or dissolved AGs/SB AGs, if any since the last meeting reporting. List the activities intended to support affinity groups.

We have three active affinity groups: YP and WiE, and one recent - Women in Power Denmark – an affinity group of IEEE PES-Denmark. YP is going through achange in leadership due to practical reasons, and this has caused some disruption in the activities.

WiE-steering group had a number of meetings in the past period and plans a physical event in the coming reporting period. There is also a bigger event planned for April 2023.

Chapters

List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting. Indicate how many have reported on time and received rebate. Highlight some of the activities.

- **Joint Chapter Control System Society and Robotics and Automation Society**
  Chaired by Rafael Wisniewski, Prof. at Aalborg University (AAU), raf@es.aau.dk
  Vice Chair Roberto Galeazzi, Assoc. Prof. (DTU)
  Secretary Christoffer Sloth, Associate Prof. (SDU)

- **Computer Society**
  Chaired by Jilin Hu, Associate Prof. at Aalborg University (AAU), hujilin@cs.aau.dk
  Vice Chair Kaixuan Chen , Assistant Prof. (AAU)
- **Signal Processing Society**
  Chaired by Zheng-hua Tan, Prof. at Aalborg University (AAU), zt@es.aau.dk
- **Power & Energy Systems Society**
  Chaired by Tilman Weckesser, Assistant Prof. (DTU), tweck@dtu.dk
  Vice Chair Saeed Peyghami, Assistant Prof. (AAU)
  Secretary Haris Ziras, Assistant Prof. (DTU)
- **Joint Chapter Vehicular Technology Society, Aerospace and Electronic Systems Society, Information Theory and Communications Society**
  Chaired by Jian Song , Postdoc at Aalborg University (AAU), jians@es.aau.dk
  Vice Chair Xuesong Cai, Postdoc (AAU)
- **Joint Chapter Industrial Electronics Society, Industry Applications Society and Power Electronics Society**
  Chaired by Tomislav Dragičević, Prof. at the Danish Technical University (DTU), tomdr@dtu.dk
- **Circuits and Systems Society**
  Chaired by Farshad Moradi, Assoc. Prof. Aarhus University (AU), moradi@eng.au.dk
  Vice Chair Alberto Nannarelli, Associate Prof. (DTU)
  Treasurer Hooman Farkhani, Assistant Prof. (AU)
  Secretary Sonal Shreya, Postdoc (AU)
- **Electromagnetic Compatibility Society**
  Chaired by Pooya Davari, Associate Prof. at Aalborg University (AAU), pda@et.aau.dk
  Vice Chair Morten Sørensen, Associate Prof. (SDU)
  Technical Activities, Per Thåstrup, Senior Technology Specialist (Force Technology)
  Secretary Zhongting Tang, Research Assistant (AAU)

Industry

List the activities carried out to foster relations with Industry and the results obtained.

We have 2 appointed Industry Relations Coordinators in the Section, who are also from the Danish Industry. There was a virtual event IEEE Virtual Workshop on Synergies Between Industry-Academia Partnership in October 2021. In this workshop industry and academia experts delivered their presentations on the topics related to how to strengthen industry academia relationship in terms of knowledge sharing, technology development and technology transfer.

Diversity, Equity and Inclusion

Highlight any diversity metrics (gender, age, religion, geographical, employment, etc.), new initiatives, best practices and progress around diversity and inclusion happening in your Section. Link to IEEE DEI statement <u>\<link\></u>.

Activities since the last report

Highlight some of the activities in your Section, with special attention to the things that work well, and things that don't, so that your acquired know-how can be used by other Sections.

As mentioned throughout the report, activities have been resuming, so we have a broad range of events organized by our chapters and affinity groups, which the section supports. We hope this will further improve as the pandemic situation resolves.

Here are the most important activities:

- *Regular ExCom monthly/bimonthly meetings*
- *Regular quarterly meetings of ExCom and all chairs of Chapters and AGs*
- *Physical meeting in May for all of ExCom and all chairs of Chapters and AGs at the university of Southern Denmark*

IEEE ExCom / Chapters / AG Meeting	09 Feb 2023 01:00 PM
Joint Administrative Meetings of the BENELUX/GERM/SWITZ/AUSTR/POL/ DK / FR Chapters for Coordination of Events	09 Feb 2023 10:30 AM

IEEE ExCom Meeting	10 Jan 2023 12:30 PM
Joint Administrative Meetings of the BENELUX/GERM/SWITZ/AUSTR/POL/ DK / FR Chapters for Coordination of Events	15 Dec 2022 10:30 AM
Joint Chapter Seminar	14 Dec 2022 03:00 PM
IEEE Computer Society Region 8 Area 2 Meeting	30 Nov 2022 03:00 PM
IEEE ExCom / Chapters / AG Meeting	29 Nov 2022 11:00 AM
Women in Engineering Seminar 2022 "PRIDE	22 Nov 2022 01:30 PM
Joint BlockTEA 2022 Keynote (21 November) for IEEE Denmark Young Professionals	21 Nov 2022 09:00 AM
IEEE CASS Distinguished Lecture titled 'In-Memory Computing Circuits Using Multi Level Spin Memories'	15 Nov 2022 02:00 PM
IEEE ExCom Meeting	09 Nov 2022 12:45 AM
Joint Administrative Meetings of the BENELUX/GERM/SWITZ/AUSTR/POL/ DK / FR Chapters for Coordination of Events	27 Oct 2022 10:30 AM
Joint Administrative Meetings of the BENELUX/GERM/SWITZ/AUSTR/POL/ DK / FR Chapters for Coordination of Events	27 Oct 2022 10:30 AM
Deep dive into JPP SES project - SuperP2G	19 Oct 2022 01:45 PM

Joint ICA3PP 2022 for IEEE Denmark Young Professionals	10 Oct 2022 09:00 PM
IEEE STUDENT WORKSHOP ON SYNERGIES BETWEEN INDUSTRY-ACADEMIA PARTNERSHIP	03 Oct 2022 10:00 AM
Joint ADIoT 2022 for IEEE Denmark Young Professionals	30 Sep 2022 09:00 AM
EMC Competence Group Meeting	29 Sep 2022 02:00 PM
IEEE ExCom Meeting	19 Sep 2022 11:00 AM

Planned activities

Highlight some of the future activities and initiatives in your Section.

Here are some examples of proposed activities that have been planned by our chapters and the section:

- *Continue with all regular meetings.*

Title	Date
IEEE ExCom / Chapters / AG Meeting	10 May 2023 10:00 AM
Joint Administrative Meetings of the BENELUX/GERM/SWITZ/AUSTR/POL/ DK / FR Chapters for Coordination of Events	06 Apr 2023 10:30 AM
IEEE ExCom Meeting	17 Mar 2023 01:30 PM
Future Computing via Quanta and Neurons	15 Mar 2023 02:00 PM

How Region 8 can be of help to your Section, members, and activities

List any challenges you Section is facing and what support is required from the Region 8. Please, also, give us your suggestions for agenda items that you want to be discussed during the R8 Committee meeting.

Any other issues of interest