

Portugal Section

Reporting Officer Name: Rodolfo Oliveira

Section Vitality

Elections: The last Section elections were in November 2023. The new ExCom started its mandate in Jan 2024. The date of the next election is planned for October-November 2025.

ExCom Meetings: ExCom meets at least once per month, but usually we meet bi-monthly; Each member of ExCom has a specific set of subjects to follow up, e.g. communication and students committees; chapters; affinity groups; financial issues (treasurer); industry; education and professional activities. We hold two extended meetings (with chapters and affinity group chairs) per year, normally one in Jan/Feb and another one in Jun/Jul.

List of ExCom meetings (between July 2023 and February 2024):

- meeting #33
 - Date: 27.07.2023
- meeting #34
 - Date: 12.09.2023
- meeting #35
 - Date: 26.09.2023
- meeting #36
 - Date: 17.10.2023
- meeting #37
 - Date: 31.10.2023
- meeting #38
 - Date: 14.11.2023
- meeting #39
 - Date: 30.11.2023
- meeting #40
 - Date: 20.12.2023
- meeting #1 (mandate 2024-2025)
 - Date: 17.01.2024
- meeting #2
 - Date: 31.01.2024
- meeting #3
 - Date: 07.02.2024

Activities carried out to retain and recruit members and the results obtained (between July 2023 and February 2024):

- IEEE Engineering Day (November 17, 2023)
<https://engineeringday.ieee-pt.org/2023/index.html>



- IEEE Portugal Best Ph.D. Thesis & IEEE Portugal Outstanding M.Sc. Thesis



best PhD thesis award 2023
Winner

Winner
best PhD thesis award 2023

Pedro Filipe da Costa Gonçalves

PhD Thesis (UC):
"Fault-Tolerant Predictive Control of PMSGs in Offshore Wind Turbines"

IEEE PORTUGAL SECTION



outstanding MSc thesis award 2023
Winners

Winners
outstanding MSc thesis award 2023

João Carlos Ramos Gonçalves de Matos
MSc Thesis (FEUP): "Research Frameworks towards Health Equity"

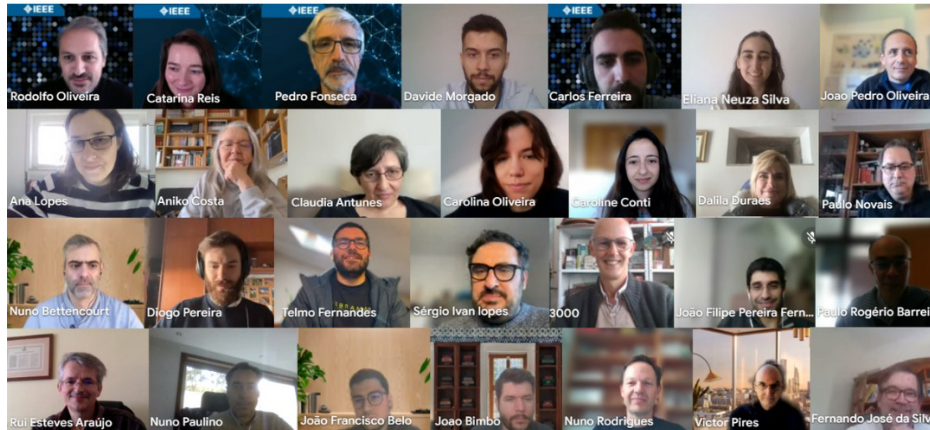
João Pedro Machado Vitorino
MSc Thesis (ISEP): "Realistic Adversarial Machine Learning to improve Network Intrusion Detection"

José Pedro Moura Costa Pinto
MSc Thesis (UA): "New Architecture for Rotational Self-Adaptive Electromagnetic Energy Harvester"

Pedro Miguel Nicolau Escaleira
MSc Thesis (UA): "Securing Real World 5G MEC Deployments"

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- Extended Excom Meeting (February 3 - morning, 2024 - online meeting)



Students

Current status of the Student Branches:

- Active: IPVC, IPCA, UMinho, UPorto, ISEP, UAveiro, UCoimbra, IPL, ISEL, IST, ISCTE, FCT-UNova
- Non-active: UAlg, UBI, IPCB, IPVC, UTAD, IPBragança
- Newly formed: none
- Dissolved: none

List of SBs:

Universidade do Porto	STB80701
Instituto Superior Tecnico	STB28512
Universidade de Coimbra	STB15001
Universidade de Aveiro	STB28351
Universidade do Minho	STB17191
University of Lisbon	STB11772
Instituto Superior de Engenharia de Lisboa	STB17621
ISCTE University Inst of Lisbon	STB11541
Universidade Nova de Lisboa	STB91011
Instituto Politecnico do Cavado e Ave	STB11552
Beira Interior Univ Da	STB14681
Instituto Politecnico de Viana do Castelo	STB99393
Instituto Superior de Engenharia do Porto	STB11311
Instituto Politecnico de Leiria	STB14061
Braganca Polytechnic Inst of	STB61171
Instituto Politecnico De Castelo Branco	STB63081
Universidade de Tras-os-Montes e Alto Douro	STB37051
Universidade do Algarve	STB10183

Affinity Groups

List of Affinity Groups

- YPs, LMAG, and WiE
- SB AGs: WiE-IST, WiE-UC, WiE-UP, WiE-UM, WIE-ISCTE, WiE-UA, WIE-ISEP

Chapters

The activities supported by the chapters included the organization of international conferences, the organization of lectures and keynote presentations in several Portuguese educational and non-educational institutions, and technical-scientific workshops dedicated to specific topics. The chapters are actively involved in joint activities with the societies, including the organization of talks involving Distinguished Lecturers.

Currently, all 16 Section's Chapters are active. We already planned an elections calendar for all chapters, which was communicated to all chapters in the extended ExCom meeting held on 15 July.

The SB Chapters are listed as follows.

Instituto Superior de Engenharia de Lisboa, EMB18
Instituto Superior Tecnico, C16
Instituto Superior Tecnico, EMB18
Instituto Superior Tecnico, IA34
Instituto Superior Tecnico, RA24
ISCTE University Inst of Lisbon, PT, C16
ISCTE University Inst of Lisbon, IM09
ISCTE University Inst of Lisbon, RA24
Universidade de Aveiro, CAS04
Universidade de Aveiro, MTT17
Universidade de Coimbra, EMB18
Universidade de Coimbra, PE31
Universidade do Porto, C16
Universidade do Porto, EMB18
Universidade do Porto, PE31
Universidade do Porto, RA24
Universidade do Porto, AES10
University of Lisbon, GRS29

Newly formed SB Chapters (from July 2023):

- Signal Processing Chapter (not listed in the table above).

Industry

Regarding the relations with the Industry, we promote the establishment of several MoUs with companies. The MoUs include several types of cooperation, including technical activities with students, YPs, and members, and participating in several activities organized by the Section (e.g. Engineering Day, MSc/PhD Awards, LBM, Leadership Camp, etc.).

Diversity, Equity and Inclusion

Currently, approximately 18% of the Portugal Section members are female. The Section is now working closely with WIE to leverage its' activities and attract more female members.

Activities since the last report

The Section is organizing several activities as described in the “Section Vitality” section. Some of the activities of special interest include

- Outstanding MSc Thesis Award 2023
- Best Ph.D. Thesis Award 2023
- Extended ExCom meeting (February 3, 2024)
- Excom meetings every month
- Student Branch meetings every month
- Involvement of Students, YPs, and WIE in the organization of the 9th IEEE World Forum on Internet of Things (IEEE WFIoT2023)
- Management of the MELECON 2024 Conference organization, to be held in Porto, June 2024.
- Organization of multiple seminars under the initiative “Engenharia em Discussão”

Besides the listed activities, the Section has improved the new website (<https://ieeee-pt.org/>), social media, and the newsletter, where our activities are promoted apart from other helpful information for our OUs and additional information to our members (e.g. past Executive Committers and a list of the Section Awards over years). The IEEE Portugal Section Communications Team has been very active in disseminating and promoting IEEE Portugal Section activities in various forums and social networks.

Planned activities

At this moment several activities are in progress, several to be fulfilled before the end of 2024, notably:

- IEEE Portugal Local Board Meeting - a weekend event to be held on February 17-18. 2024
- IEEE Portugal Engineering Day - a full-day hybrid event planned for November 2024
- Leadership Camp 2024 - 2-day hybrid student event planned for the second semester of 2024
- Outstanding MSc Thesis Award (evaluation of the submitted theses and notification of the awardees by the mid of November 2024)
- Organization of multiple seminars under the initiative “Engenharia em Discussão”
- Organization of MELECON 2024, to be held in Porto

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

R8 could promote remote regional hackathons with industrial mentors. This could also be an add-value initiative for IEEE students and young professionals members.

Any other issues of interest

Please visit our website for more information: <https://ieeee-pt.org/>