## Portugal Section

Catarina Silva

### Section Vitality

Elections: Elections in the end of 2019, new excom from jan 2020, vice-chair became chair, although it is not mandatory.

Excom Meetings: ExCom meets at least once per month; 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). We hold two extended meeting (with chapters and affinity group chairs) per year, normally one in Jan/Feb and another one in Jun/Jul

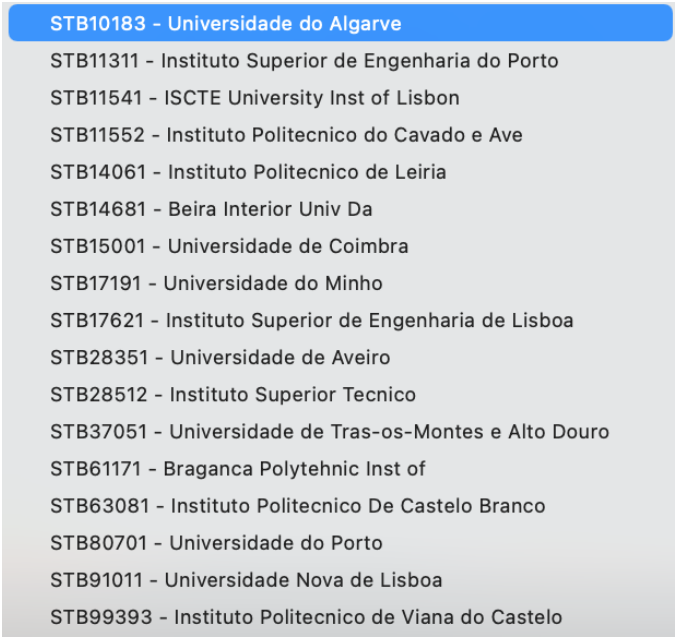
Activities carried out to retain and recruit members and the results obtained:

- Local Board Meeting (February 2021) – SBs general meeting
- Extended Excom Meetings (January 30th)
- 2 Blockchain group webinars (November, December)
- 4 Webinars of new webinar series “Engineering in discussion” (November, January, February, March)
- Engineering Day 2020 (November 27th 2020)
- Outstanding MSc Awards 2020
- Quaterly newsletters from IEEE Portugal
- IEEE Portugal Awards 2020
- **Summary of all activities in:**
  https://www.dropbox.com/s/gq63pa8y140gphf/PORTUGAL_L31%20Reporting%20Summary_2020.pdf?dl=0

### Students

Student Branches:

- Active: IST, ISCTE, ISEL, UP, ISEP, UMinho, UC, IPCA, IPBC (?)
- Newly formed: IPVC
- Inactive: UAlg
- Student meetings held: every month SB online meeting
- LBM (Local Board Meeting), Leadership Camp



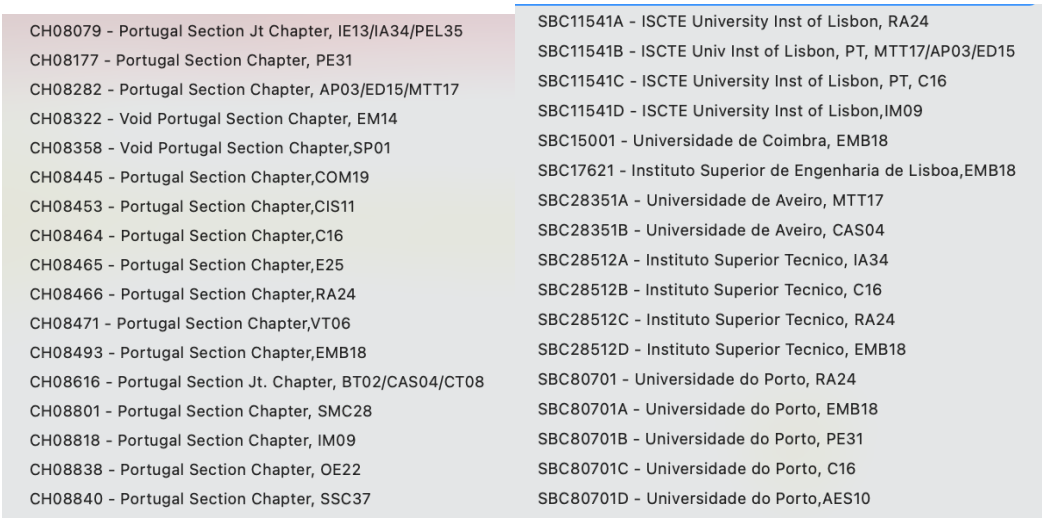

### Affinity Groups

List of Affinity Groups

- Efforts to LMAG
- SB AGs: WiE-IST, WiE-UC, WiE-UP, WiE-UM, WIE-ISCTE, WiE-UA

- Newly formed: WIE-ISEP

**Chapters**




List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting (Oct 2020). Indicate how many have reported on time and received rebate. Highlight some of the activities.

**Industry**

- New officers
- In coordination with YP to promote a mentoring program between industry professionals and our YP and students

**Activities since the last report**

- Engineering Day, Virtual Leadership Camp
- IEEE @Home: Blockchain series
- LBM 2021
- WiE Women's Day 2021 activities: videos, testemonials

**Planned activities**

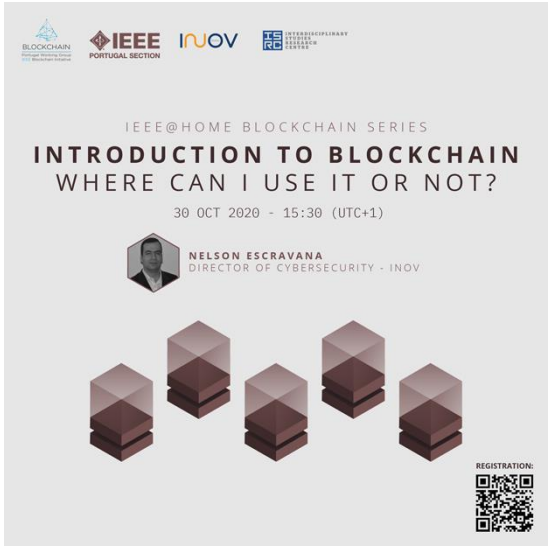
- Monthly webinars of webinar series "Engineering in discussion"
- Study Circle proof-of-concept Hyperledger
- IEEE @Home: Blockchain series
- SBs monthly meetings
- Excom monthly meetings
- Extended excom meeting in July
- Leadership Camp in September
- Outstanding MSc Awards 2021 (2nd edition)

- Outstanding PhD Awards 2021 (1st edition)
- IEEE Portugal Awards 2021

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

- R8 could help with vouchers to (for instance) Uber Eats so our invited speakers and organizers can appreciate a "treat" for their work.
- R8 could promote remote regional hackathons with industrial mentors. This could also be an add value initiative for IEEE student and young professionals members. The goal of R8 should be to improve IEEE brand with industries.
- The main challenges we faced are still related to the pandemic and were probably faced by all R8 sections. We in Portugal are confined now for 2 months already, and even now the situation is still not normalized. R8 has shown availability to support, but more than money at this moment people need energy and ideas. Maybe R8 could take the lead in organizing activities that could promote them and giving more examples of support.

**Any other issues of interest - activities**



IEEE PORTUGAL SECTION
IEEE PORTUGAL AWARDS 2020
PORTUGAL SECTION AWARDS
OUTSTANDING YOUNG PROFESSIONAL 2018
José Pinto
IEEE-PT BEST IEEE VOLUNTEER 2018
Fábio Gaspar
IEEE-PT OUTSTANDING CHAPTER 2018
Solid-State Circuits Chapter
IEEE-PT BEST IEEE VOLUNTEER 2019
Miguel Ferreira
WOMEN IN ENGINEERING 2011 TO 2018
Ana Madureira
WOMEN IN ENGINEERING 2019
Luísa Macedo
IEEE-PT OUTSTANDING CHAPTER 2019
EMBS Chapter
Educational Chapter

EXTENDED EXCOM MEETING 2021
IEEE
PORTUGAL SECTION

IEEE PORTUGAL SECTION
IEEE PORTUGAL
AWARDS 2020
OUTSTANDING MSC THESIS AWARDS
ENERGY AND POWER
Pedro Miguel da Silva Moreira
"Bobina de Petersen Eletrónica: Análise do Regime Transitória e Validação Experimental"
PHOTONICS
Manuel dos Santos Neves
"Laser Phase Noise Mitigation for Subcarrier-Multiplexing Optical Transmission Systems"
ROBOTICS & CONTROL
Pedro Miguel Dias Trindade
"Distributed Formation Control of Double-Integrator Vehicles in the Presence of Unknown Constant Disturbances"
Afonso Duarte Amaral Cardoso Botelho
"Design and Application of Thrust Manoeuvres in a Constrained Spacecraft Rendezvous Context Using Optimal Control Techniques"
COMMUNICATIONS
Miguel Alves Ferreira
"Routing on Multiple Optimality Criteria: Theory and Protocols"
ENGINEERING IN MEDICINE AND BIOLOGY
Hemaxi Narotamo
"Deep Learning Based Cell Nuclei Segmentation: An Application for Cell Cycle Staging"
COMPUTERS AND COMPUTATIONAL INTELLIGENCE
André Miguel Ferreira da Cruz
"Fairness-Aware Hyperparameter Optimization"

IEEE
RETROJAM'21
12-14 MARCH

engenharia em discussão
TECNOLOGIAS NA GESTÃO DO RISCO DE EXPOSIÇÃO AO GÁS RADÃO
António Curado, Prometheus, IPVC
Sérgio Ivan Lopes, IT, IPVC
Heloisa Fonseca, DEPR, APA
10 março 2021 | 14h45
registo em webinars.ieee-pt.org
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