

## IEEE Greece Section

## Athanasios Kakarountas, Vice-Chair

### Section Vitality

The 2023-2024 Section's elections are accepting nominations and in the next month the election of the new board will be concluded. During this year, a series of campaigns were deployed in central Universities for the increase of the student members. Furthermore, the newly elected boards of the Section's Chapters have organized 2 awareness/recruitment events (and 3 more are to be announced the next 2 months).

### Students

List of Student Branches (16); University of Patras, University of Thessaly ( Lamia), Aristotle University of Thessaloniki, National Technical University of Athens, Technical University of Crete, University of Western Macedonia, Kozani, Democritus University of Thrace, University of Western Macedonia (Kastoria), University of Peloponnese, University of West Attica, University of Ioannina, International Hellenic University (Thessaloniki), University of Thessaly (Larissa/Volos), University of Piraeus, International Hellenic University (Serres), Ionian University

The revival of the University of Peloponnese-Patras is under process.

The "IEEE GREECE SECTION LEAD YOUR SB CAMP LAMIA 2022" was organized on October 2022. The aim of this event was the gathering of the executive committees of the IEEE Greece Section's Student Branches for the purpose of communication and networking between them as well as guidance from the IEEE Greece Section regarding the organization and administration of the student branch throughout the term of the Officers. IEEE Greece Section Young Professionals and Women in Engineering Affinity Groups will also participate in the event.

IEEE Xtreme workshops were organized in various locations (e.g Chania, Lamia, Athens, Patras) for all Student Branches, for training the teams participating in the IEEE Xtreme Programming Contest.

The "Meet the Labs" annual event was organized in 2022 by the IEEE University of Thessaly ( Lamia) Student Branch at the University of Thessaly, being recognized as a strategic partner of the Faculty of Science.

Celebrations of the IEEE Day 2022 was held in all Student Branches, including technical talks, social events and awareness campaigns organized by the students and AGs in IEEE Greece Section.

Five workshops took place at various places, specifically 1) Power Engineering dissertations completed between 2020 - 2022 to the public, and awarding of the best dissertation, by the Democritus University of Thrace, Xanthi, 2) "LIFE AS A FAIRYTALE - BUILDING BRIDGES", TryEngineering Month Program, Arta, 3) "NTUA\_HACK" at the National Technical University of Athens, 4) "COMPUTER VISION IN SEMICONDUCTOR MICRO-/NANO-STRUCTURES AND DEVICES", a workshop series organized by the IEEE Democritus University of Thrace Student Branch., and 5) "HOW-TO-PRIEENT WORKSHOP", organized by the IEEE University of Patras Student Branch.

### Affinity Groups

The IEEE Greece Section has 5 AGs, specifically, the IEEE National Technical University of Athens HKN AG (Mu Gamma), the IEEE InSIGHT, the IEEE Life Members AG, the Young Professionals AG and the Women-in-Engineering AG. The AGs are partnering with the other IEEE Greece Section OUs and co-organize events.

IEEE Young Professionals Greece organized the 1st IEEE Greece Mentoring Program physical event for students and graduates, in cooperation with the IEEE WIE Greece, IEEE Greece Computer Chapter, IEEE Greece Section, IEEE Life members Greece, IEEE NTUA Student Branch and the IEEE student branch of UNIWA.

Other events are not reported in this section, to avoid duplication of reference.

### Chapters

The IEEE Greece Section has 12 technical chapters (Power and Energy Chapter, Communications Chapter, Control Systems Chapter, Signal Processing Chapter, Computer Chapter, Consumer Electronics Chapter, Engineering in Medicine and Biology Chapter, Computational Intelligence Chapter, Electron Devices/Microwave Theory and Techniques/Antennas and Propagation Joint Chapter, Circuits and Systems/Solid-State Circuits Joint Chapter, Vehicular Technology/Aerospace and Electronic Systems Joint Chapter, Industrial Electronics/Industry Applications/Power Electronics Joint Chapter) and more than 20 technical student chapters.

There were 2 events organized recently by the chapters

- 1) WORKSHOP ON GLOBAL OPTIMIZATION METHODS: THEORY, TECHNIQUES, AND MATLAB SIMULATIONS, by the Electron Devices/Microwave Theory and Techniques/Antennas and Propagation Joint Chapter of the IEEE Greece Section
- 2) The Seasonal School on "Smart Integrated Circuit Design Methodology (SMART-IC) 2022" was held in Thessaloniki on Nov. 25-27, 2022 and was organized by the members of our Chapter, Profs. T. Noulis, C. Psychalinos, G. Sirakoulis and A. Hatzopoulos. The event was financially supported by the IEEE CASS "Seasonal School 2022" activity, the IEEE Greece CAS/SSC joint Chapter, the Research Committee of Aristotle University of Thessaloniki and industry (ANSYS – VTOOL – GWF – THESSIC) sponsorships (in kind contributions).

### **Industry**

A Career Day on 15<sup>th</sup> December 2022 was organized to bring students and YP closer to industry. The Aristotle University of Thessaloniki IEEE Student Branch in collaboration with IEEE Greece CASS/SSCS joint Chapter, Life Members Affinity Group - IEEE Greece Chapter and professor Alkiviadis Hatzopoulos hosted “Career Day” on Thursday 15<sup>th</sup> of December 2022 at Aristotle University Research Dissemination Center (KEDEA). Representatives of 19 companies and institutions participated in the event.

### **Diversity, Equity and Inclusion**

Link to IEEE DEI statement <https://www.ieee.gr/about/>.

### **Activities since the last report**

There were 99 events reported in IEEE vtools Events for IEEE Greece Section, since our last report. Indicatively, an extensive series of meetings for Robotics is organized by IEEE Democritus University of Thrace Student Branch, the WiE AG annual meeting was held, tens of technical lectures were organized, Most of the events have been reported before. Additionally, they include some social events, and tens of technical lectures and technical conferences taking place in Greece.

### **Planned activities**

An award ceremony is organized to recognize the contribution of the IEEE Greece Section members in technology, society and the Section’s activities. This event has been postponed due to the Covid-19 pandemic.

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

Financially sponsoring Distinguished Lecturers to present lectures related to topics of interest to our members.