

Egypt

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Section Vitality

The last Section elections was in December 2019, date of next elections is December 2021. The election committee will be formed in July 2021. We do not have the practice of Vice-Chair becoming the next Section Chair. This happened before, but it is not agreed. In addition, Alexandria subsection elections were organized and new board has been selected for the first time since 2015.

Egypt section has many Section ExCom meetings for planning, coordination with young professional, technical chapters, Women in Engineering and student activities committee and monitoring their progress. In order to retain and recruit members, the membership development committee works closely with all the section organization units to publicize the benefits of membership in all levels. This resulted in getting a silver medal for member retention last year.



Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting (Oct 2020). List the student meetings held and Section activities addressed to Students and Young Professionals.

Affinity Groups

In Egypt section, all Affinity Groups (YP, LM, WiE, SIGHT, etc.) are active, Many activities are done to support the affinity group. For example, the section, in coordination with WIE affinity group organized the following sponsored/ co-sponsored Events: "How to brand yourself" Webinar (15 Dec. 2020) - "Time Management" Webinar (4 Oct. 2020) - 4. "International woman's day 2.0" Webinar powered by IEEE WIE Helwan university student branch - "EYWA 2020" organized by IEEE student branches gathering powered by IEEE HTI-SB, MUST SB) hosted by GUC.

Chapters

List of Affinity Chapters in Egypt Section include:

IEEE Power & Energy - IEEE Computer - IEEE Communications - IEEE Consultants Network - IEEE Robotics and Automation - IEEE Industrial Electronics - IEEE Antennas and Propagation - IEEE Microwave Theory and Techniques - IEEE Circuits and Systems - IEEE Engineering in Medicine and Biology - IEEE Computational Intelligence - IEEE Power Electronics - IEEE Industry Applications - IEEE Solid-State Circuits - IEEE Signal Processing - IEEE Electron Devices - IEEE Control Systems - IEEE Dielectrics and Electrical Insulation

The newly formed Chapter is the Dielectrics and Electrical Insulation, The reason behind dissolved ones is mainly that the number of members is less than 12. According to this criteria, The potential dissolved chapters include:

IEEE Education - IEEE Technology and Engineering Management - IEEE Vehicular Technology - IEEE Information Theory - IEEE Intelligent Transportation Systems - IEEE Photonics - IEEE Systems, Man, and Cybernetics - IEEE Aerospace and Electronic Systems - IEEE Consumer Technology - IEEE Instrumentation and Measurement - IEEE Nuclear and Plasma Sciences - IEEE Reliability - IEEE Magnetics - IEEE Geoscience and Remote Sensing

Most of the chapters have reported on time and received rebate. The section was very active last year in organizing technical conferences and technical sessions with chapters. Most of these conferences have moved to be virtual, few were offered in face to face with social distancing precautions and very few were cancelled or postponed.

Industry

The section make a lot of activities carried out to foster relations with Industry. This included Experts Meetup Project with Valeo (An Automotive software company). The project consists of a series of technical sessions about embedded systems, software testing. Tens of students and young professional attended the program with very positive feedback.

Activities since the last report

Last December, the section chair was invited to two IEEE conference (Japan Africa Conference and International Conference of Computer and Systems) to shed the light on the section history, organization units and activities. Moreover, Egypt section agreed with Digital Egypt Builder Initiative (<http://DEBI.gov.eg>) to host the Communication and Information Technology Minister's senior advisor for talent development as a keynote speaker of IEEE conferences in order to raise awareness of the opportunities offered by the Ministry to raise the technical and professional competencies of young pro-

professionals in Engineering, Computer Science, Artificial Intelligence, IoT & Robotics and Cyber Security. The results of these sessions were quite excellent to attract many YP to join the initiative. We would like also to highlight the collaboration with YP Lebanon section in a joint program, and other YP programs including NASA Space Apps Cairo | COVID-19 Virtual Hackathon, NASA Space Apps Cairo 2020 Global Virtual Hackathon, Made In Egypt | Open Innovation Challenge with ACT and Volunteers Empowerment Program Launch.

Egypt Section has made an agreement with Cisco Academy to offer 15 hours training for Cybersecurity to students and Young Professionals for free. Other activities include Human Capital Development, Sprints Technical Courses and Knowledge Officer Crash Course. In addition, Egypt section supported Nile University to apply to a grant to support youth with low income to join Higher Education.

Planned activities

A new version of the Experts meetup program is planned with Valeo. In order to be more productive, an ad hoc committee was formed to take the responsibility of the “Closer to Industry” initiative. The new committee is led by Mohamed Amin (who has experience in this initiative in Region 8). In addition YP are planning for the Egyptian Engineering Day with the well-known programs “Made in Egypt”, “NASA Space Apps” and “Future City”. They got a good sponsor from the industry and another sponsor from the government for the flagship event of Egypt section. The planned activities include membership development for students and graduate students and volunteer empowerment program.

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

The initiative to change the membership fees to be proportional to average income is very important. This should be also extended to publication fees of conferences. A recommendation to keep the virtual attendance of conferences with reasonable cost is very important as well.

Any other issues of interest

Helping eligible members to upgrade to senior members and empowering members to be volunteers and engaged with the section increased the retention rate and make the section more active.