

Turkey Section

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Section Vitality

The last section elections were held in Dec. 2019. Next section elections will be held in Dec. 2021. We do not have a tradition of Vice-Chair becoming chair.

The ExCom is composed of the section chair, vice-chair, treasurer/secretary, and two members-at-large. We communicate mostly through messaging apps and informal Zoom meetings to improve efficiency. Four of the ExCom meetings were entered on vTools. Their dates are given below followed by the main agenda item:

May 22, 2021: Planning The Undergraduate Academic Conference (TUAC)

May 28, 2021: Planning TUAC

Aug.13, 2021: Planning IEEE Turkey Science and Service Awards

Oct. 22, 2021: Preparations needed ahead of the R8 meeting in Nov.

We announced reduced IEEE membership fees to the university students. We renewed chapter elections to create interest. Although most of our activities are open to people that are not IEEE members, we have held an event where IEEE membership was required to take advantage of the specially reserved IEEE quota. The event was called Kodluyoruz.org & Yemeksepeti & IEEE Turkey Talent Bootcamp. If we consider the whole selection process, the event started in Jan. and ended in Apr. 2021 with more than 15 IEEE student members getting hired by YemekSepeti (MealBasket in English), a Turkish startup that has now a valuation of a few billion \$. The event can found on vTools: <https://events.vtools.ieee.org/m/267281>.



Our YP Affinity Group has also been very active in their sphere of influence and beyond in spreading the philosophy of IEEE and expanding our population. The YP administrative board includes 9 technical (CS, CSS, EMBS, SPS, PES/IES, AP/MTT, ComSoc, Cybersecurity, Blockchain) representatives, which help them carry out various professional/technical activities in many technical areas.

As a result of these and our other efforts, we received a gold award for meeting our recruitment and retention goals for 2021. We have a total of 1883 members at the moment.



Students

We have 924 student members in Turkey Section. Almost half of our members are students. These students come from 82 Student Branches (STBs). There are also 83 Student Branch Chapters (SBCs) and 29 Student Branch Affinity groups (SBAs). 56 of 82 STBs did their reporting in 2021:

1. *Abdullah Gul University - STB99385 (*)*
2. *Adnan Menderes University - STB10173*
3. *Ankara University - STB31751*
4. *Ataturk University - STB15138*
5. *Atilim Univ - STB65751*
6. *Balikesir Universitesi - STB19031*

7. *Baskent Univ - STB60701*
8. *Beykent University - STB10461*
9. *Bilkent University - STB29941*
10. *Bogazici Univ - STB11181*
11. *Bozok University - STB10067*
12. *Cankaya University - STB63721*
13. *Celal Bayar University - STB10005*
14. *Dogus Universitesi - STB63971*
15. *Dokuz Eylul Univ - STB34991*
16. *Eastern Mediterranean Univ - STB37021*
17. *Ege Universitesi (Aegean) - STB96601*
18. *Erciyes University - STB61891*
19. *Eskisehir Technical University - STB31741*
20. *Firat Univ - STB31671*
21. *Gazi Univ - STB31681*
22. *Gebze Technical University - STB20141*
23. *Hacettepe Univ - STB11201*
24. *Istanbul Bilgi University - STB12971*
25. *Istanbul Kultur Universitesi - STB06301*
26. *Istanbul Medipol University - STB15159*
27. *Istanbul Sabahattin Zaim Universitesi - STB99390 (*)*
28. *Istanbul Technical Univ - STB96101*
29. *Istanbul Univ-Cerrahpasa - STB31691*
30. *Izmir Inst of Tech - STB11221*
31. *Izmir University of Economics - STB05031*
32. *Karadeniz Technical Univ - STB64941*
33. *Kirikkale University-Kutup - STB10571*
34. *Koc Universitesi - STB62161*
35. *Kocaeli Univ - STB62071*
36. *Kutahya Dumlupinar University - STB63961*
37. *Marmara University - STB37921*
38. *MEF University - STB15137*
39. *Middle East Tech Univ - STB14401*
40. *Middle East Technical University - Northern Cyprus - STB00191*
41. *Mugla Sitki Kocman University - STB20237*
42. *Namik Kemal Universitesi - STB11460*
43. *Nigde Omer Halisdemir University - STB63261*
44. *Ondokuz Mayıs University - STB11753*
45. *Ozyegin University - STB08281*
46. *Pamukkale Univ - STB11531*
47. *Sabanci University - STB61751*
48. *Sakarya University - STB64297*
49. *Selcuk University - STB65341*
50. *TED University - STB11692*
51. *Tobb Economics & Tech Univ - STB64971*
52. *Uludag Univ - STB31801*
53. *University of Turkish Aeronautical Association - STB13151*
54. *Yalova University - STB01040*
55. *Yeditepe Univ - STB62491*
56. *Yildiz Technical Univ - STB34921*

Since Oct. 2020, no STB has been dissolved. 2 new STBs were formed (marked above with *). 11 new SBCs were formed:

1. *Ankara University, EMBS SBC*
2. *Eskisehir Technical University, CS SBC*
3. *Gazi Univ, COMSOC SBC*
4. *Istanbul Sabahattin Zaim Universitesi, CS SBC*
5. *Istanbul Sabahattin Zaim Universitesi, Education Society SBC*
6. *Istanbul Sabahattin Zaim Universitesi, Industry Applications Society SBC*
7. *Istanbul Sabahattin Zaim Universitesi, RAS SBC*
8. *Istanbul Univ-Cerrahpasa, COMSOC SBC*
9. *Izmir Inst of Tech, Photonics Society SBC*

10. *Mugla Sitki Kocman University, COMSOC SBC*
11. *Yeditepe Univ, CS SBC*

2 new SB Affinity Groups were formed:

12. *Ankara University, WIE SBA*
13. *Istanbul Sabahattin Zaim Universitesi, WIE SBA*

A search on vTools Events since Oct 26, 2020 (the day after the last report due date) yielded 340 events. 199 of these are STB (165) and SBC/SBA (34) events. Below is a list of the last 10 events:

1. *Entrepreneurship and Career: 24 May, Istanbul Sabahattin Zaim Universitesi, Istanbul, Online*
2. *MATLAB Education with Ayberk Tekin: 27 May, Kirikkale University, Kirikkale, Online*
3. *Flutter Education with Kadriye Macit: 29 May, Kirikkale University, Kirikkale, Online*
4. *Beykent University 1st ExCom Meeting: 20 Jul, Beykent University, Istanbul, Online*
5. *IEEEExtreme 15.0 Promotion Event: 28 Aug, Dokuz Eylul Univ, Izmir, Online*
6. *IEEE Day Camp: 8 Oct, Istanbul Technical Univ, Istanbul, Face to face*
7. *IEEE ITU & IEEE BAU Meeting: 22 Oct, Istanbul Technical Univ, Istanbul, Face to face*
8. *Introduction to Python: 22 Oct, Istanbul Technical Univ, Istanbul, Online*
9. *IEEE ITU CS Day: 26 Oct, Istanbul Technical Univ, Istanbul, Face to face*
10. *Uni-Day 21: 27 Oct, Istanbul Technical Univ, Istanbul, Face to face*

Besides the above events, we would like to list some flagship student events also:

1. *IEEE Turkey Online Student Branches Meeting (Nov 2020) -- not reported on vTools*
2. *IEEE Turkey Student Branches Workshop (Feb 2021) -- not reported on vTools*
3. *CSCON (Apr 2021)*
4. *EMBCON (May 2021)*
5. *IEEE Turkey Student Branches Robofest (May 2021)*
6. *IEEE Turkey Section Student and YP Congress (Sep 2021)*
7. *Kodluyoruz.org & Yemeksepeti & IEEE Turkey Talent Bootcamp (Jan-Apr 2021)*
8. *TUAC The Undergraduate Academic Conference (July 2021)*



In 2021, the Educational Activities Representative of the STBs to our Section received an IEEE Educational Activities Board Award. In addition to that, our STBs won 4 Bronze and 1 Platinum Darrel Chong Student Activity Awards. Also, our CS Chapter's Secretary, Mr. Hüseyin Yapıcı (a graduate student), won Upsilon Pi Epsilon Award of IEEE CS as well as the Outstanding Branch Counselor and Branch Chapter Advisor Award for the guidance he provided to the CS SBC at Dokuz Eylül University.

YP Affinity Group

Some of the YP activities have been listed in the Industry section of this report below. Besides them, the YP team held 2 intro presentations (in Online Regional Meeting 2020 and IEEE Turkey SYPC 2021), 1 national YP meetup to increase national networking opportunities & awareness about other affinity groups (IEEE Turkey WIE, IEEE Turkey SIGHT, IEEE Turkey ENET), 1 STEP event in IEEE Turkey ComSocCon 2020 (a national student conference with great industrial/academic experts), 3 STEP events collaborated with IEEE PAU Student Branch, 2 workshops (Scientific Paper Writing, Scientific Project Proposal Writing) collaborated with IEEE ComSoc Turkey Section Chapter, 1 global ComSoc Panel (on 5G/B5G/6G Trends) collaborated with several YP-AGs in Region 7, 1 national/sectional PES Panel on Renewable Energy, 3 webinars collaborated with several YP-AGs in Region 7 and 2 networking sessions collaborated with IEEE Turkey WIE in Empowering Women Summit (EWS). See below (left) for a poster of one of our YP events.



SIGHT Affinity Group

SIGHT Turkey has organized 4 activities. They had 3 team creation meetings and another presentation during Student and YP congress. See below (right) for a poster of one of our SIGHT events.

WIE Affinity Group

IEEE Turkey's WIE Affinity Group was established officially in Mar. 2021. WIE Turkey has organized or has been involved in the following events:

1. *Diversity & Inclusion in the Energy Transition Panel (Sep 13)*
2. *WIE & STEM Education Panel (Sep 7)*
3. *IEEE Turkey Section Student and YP Congress (Sep 5)*
4. *Social Innovations for Humanitarian Impact & Sustainable Development Panel by WIE Kenya & Turkey (Aug 31)*
5. *Dual-Function Radar Communication Systems (Jul 8)*
6. *"Do you still want to be a superhero and save the world?" by Rui Neves-Silva, Mindset Coach (Jun 28)*
7. *AI for Humanity (Jun 25)*
8. *Self-care: The #1 Key to a Sustainable Career for Women in Engineering by Aisha Moore (Jun 24)*
9. *Women in Computing Panel Discussion (Jun 23)*
10. *WIE Week of Well-being - Discover Flow - Where joy meets performance (Jun 23)*
11. *WIE Week of Well-being (Jun 16)*
12. *Webinar/Panel: "Future Trends in Sustainability AI in Renewables" by WIE Lebanon & Turkey (May 21)*



SBAs

We have 29 Student Branch Affinity groups (SBAs). No SBAs were dissolved, and 2 new SB Affinity Groups were formed:

1. *Ankara University, WIE SBA*
2. *Istanbul Sabahattin Zaim Universitesi, WIE SBA*

Chapters

We have in total 14 chapters. They have not received this year's refunds yet. COMSOC and CS chapters organized their respective MS Thesis Competitions. SPS Turkey organized webinar series on open problems in Signal Processing. IEEE CS Turkey Chapter organized Master Class webinars. We held elections for several of the chapters. They now have new and dynamic chairs.

Industry

The Section organized "Computational Electromagnetics using the Finite-Difference Time-Domain Technique" webinar with Atef Z. Elsherbini. The interest from Industry was considerable. The Section also organized 6 Career Talks in collaboration with 2 STBs. The first one was with an Apple Manager in Silicon Valley, and almost 300 people attended the Zoom meeting. We also organized a job fair with Silicon Alps of Austria, during which we united 100 advanced students, Austrian industry and universities. Our coding Bootcamp with Kodluyoruz.org and the subsequent recruitment by YemekSepeti.com was also very successful.

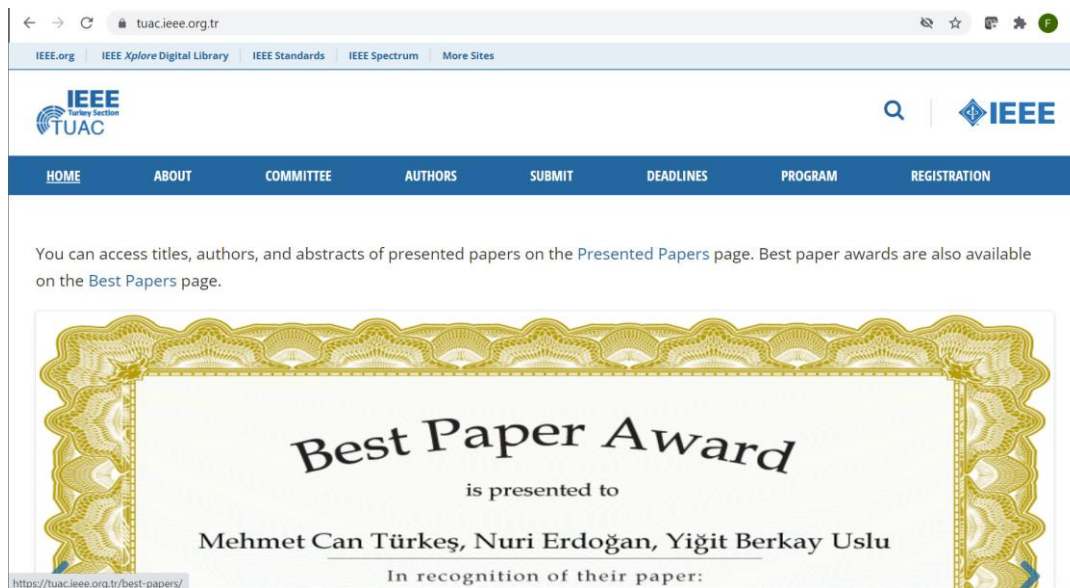
Our YP team also organized many events. They have done one e-talk (IEEE Turkey YP Answers series), 6 IEEE Turkey YP Webinars, 3 panels (an industrial-career development panel in an IEEE Turkey STBs' Online Regional Meeting in 2020, an industrial panel on high-tech trends in IEEE Turkey SYPC 2021, a panel to celebrate both IEEE Day 2021 and 25th anniversary of IEEE YP), 2 STEP events collaborated with IEEE PAU STB and 3 IEEE Connecting Experts webinars (co-organized with IEEE Region 8 YP).

Activities since the Last Report

Our most important activities were:

- The Undergraduate Academic Conference (TUAC)
- Selection of the awardees of IEEE Turkey Science and Service Awards
- CSCON
- Kodluyoruz.org & Yemeksepeti & IEEE Turkey Talent Bootcamp
- The two MS Thesis Competitions
- WIE Week of Well-being
- and many academic (IEEEExplore-bound conferences) we technically sponsored

Although IEEE Turkey Science and Service Awards work well, we are documenting the process so that it continues without a glitch in the coming years while the Section management changes as well as the award committee members. We are always looking into ways to improve our conference sponsorship decision process.



Planned Activities

We will have a face-to-face ceremony for **IEEE Turkey Science and Service Awards** in Dec. We will invite previous years' winners as well as their ceremonies were online. The awards are as follows:

- Doctoral thesis awards (usually 5 of them are awarded)
- Research incentive award (usually 3 of them are awarded)

- Exceptional service award (only 1 awarded)
- Life-long achievement award (only 1 awarded)

We have had these awards since 2017. The award committees include IEEE fellows and other professors from Turkey and abroad. We hope to continue them many years. We also hope to organize TUAC every year to come. (TUAC was explained above.)

Our YP AG also has planned activities. Besides continuing their talk series, collaborating with IEEE Turkey SAC, they are planning the Central European Student and Young Professionals (CEuSYP) Congress on 26-27 Nov. 2021 (the proposal was accepted) to retain and recruit more YP members in Turkey by providing networking and collaboration opportunities not only in sectional but also in regional/global level.

How Region 8 can be of help to your Section, Members, and Activities

Covid reduced overall efficiency of the STBs/SBCs/SBAs, Region 8 (R8) can provide more funds to our student branches.

Any Other Issues of Interest

A suggestion rather than an issue. We would be honored if R8 gets inspired by TUAC and organizes a R8-wide TUAC.