

## Hungary Section

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### Section Vitality

The IEEE HS based conferences regained their full power and interest increased more than before COVID. The usual 60-80 accepted scientific paper number increased over 100 papers with a face-to-face format. Hence we had to move the IEEE SAMI conference from the usual Herlany, Slovakia to Stara Lesna, while increased infrastructure was used at the IEEE SACI in Timisoara, Romania, the IEEE INES in Nairobi, Kenya, and will be used at the IEEE ICCV in Hanoi, Vietnam, the IEEE CINTI in Budapest, Hungary, and the IEEE SISY in Pula, Croatia. The increased participation at all of them was more than expected, revealing the importance of networking and face-to-face debates. Chapter are co-sponsors of our IEEE HS based conferences, where the IEEE SMC, CS and RAS have a great activity. Industrial partners organized sessions, and first time a full day of the IEEE CINTI conference was held at a company.

11 new student branches have been established in the last year.

As a result, IEE Hungary Section became first time a Medium Section with more than 500 members.

### Students

11 new other Student branches were formed (up to the end of 2022 only 3 SBs existed at IEEE Hungary Section): 8 at Obuda University, one at Debrecen University and two at Budapest University of Technology and Economics.

We are still maintaining the reduced registration fees for students and YP at our IEEE HS conferences. We awarded talented students at the national computer engineering student competition (biannual Hungarian National Student Conference).

The Best Student Paper award turned after Covid again to be a great success. In 2021, 2022, 2023 all three categories: BSc, MSc and PhD involved more students than ever and this is also the reason why the number of student branches became so high. The other reason was that at Obuda University a new internal grant appeared in order to motivate IEEE based student activity.

### Affinity Groups

The Life Members AG has been re-elected, together with the WiE AG. The R8 LF AG was held in Budapest in December. 2023

Based on the LF AG activity as well finally, the first IEEE HS Milestone has been inaugurated (that was postponed after Covid). Now two new Milestone are under preparation.

### Chapters

The CS chapter received the Best section award, the CIS chapter was reformed, the Joint ComSoc/MTT/AP/ED/EMC Chapter presented revitalized activities, the Joint Hungarian-Romanian EPS / NTC chapter extended its activity, the RAS, SMC chapters increased the number of young members.

As a result, IEE Hungary Section became first time a Medium Section with more than 500 members.

### Industry

The industry reach-out efforts are channeling in a lot of new partnerships. IEEE SMC supported MassVentil project (as community development effort hosted by Obuda University) was licensed to a national med tech company and inaugurated in 2023. Companies are attracted more and more at our IEEE HS based conferences, and the first time a full day of the CINTI conference was held at a company.

### Diversity, Equity and Inclusion

A lot of international students enrolled at universities in Hungary joined the IEEE HS.

### Activities since the last report

- Several student presentations and formation of 11 new SBs.
- SAMI 2024, 22h IEEE World Symposium on Applied Machine Intelligence and Informatics, Stara Lesna, Slovakia.
- SACI 2023, 17th IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, Romania.
- SISY 2023, 21th IEEE International Symposium on Intelligent Systems and Informatics, Pula, Croatia.
- CINTI 2023, 23rd International Symposium on Computational Intelligence and Informatics, Budapest, Hungary
- 5th IEEE International Conference and Workshop on Electrical and Power Engineering, Budapest, Hungary

### Planned activities

The Hungary Section is committed to continue its conference series: in 2024 the CINTI and CANDO EPE, SACI, INES, SISY, INES conferences and 2025 the SAMI conference. Student competitions, SB events, LF, AG, WIE AG events.

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

Keep up the strong support for the local Sections! Provide best practices on the remote life. Support membership retention.

**Any other issues of interest**

N/A