

Report on Activities Organised by IEEE Malta Section in Collaboration with IEEE Computer Society

The IEEE Malta Section, in collaboration with the IEEE Computer Society, has organised several key events in 2024 aimed at fostering knowledge exchange, professional development, and engagement in STEM fields. Below is a summary of the major activities:

1. FYP Expo 2024 5th & 6th July

The IEEE Malta Section proudly presented the Final Year Project (FYP) Awards 2024, recognising outstanding achievements in the fields of ICT, Electrical, and Mechanical Engineering.



Chairman Speech

2. Distinguished Program Guest at ICT Expo 2024 5th July

The IEEE Malta Section featured a distinguished guest in the ICT Expo 2024, providing an opportunity for attendees to engage with an expert in the field. This event was streamed online with a outreach of 1000 views.



Prof. Elisa Barney Smith

Professor of Machine Learning, Luleå
University of Technology (LTU), Sweden

**APPLYING ELECTRICAL
ENGINEERING AND COMPUTER
SCIENCE TO THE HUMANITIES**

IEEE KEYNOTE
Friday 5 July 2024

Prof. Elisa Barney Smith Distinguished Lecturer

3. Digital Health Bootcamp 2024 - Digital Empowerment: Integrating AI and IoT in Healthcare – 25th July

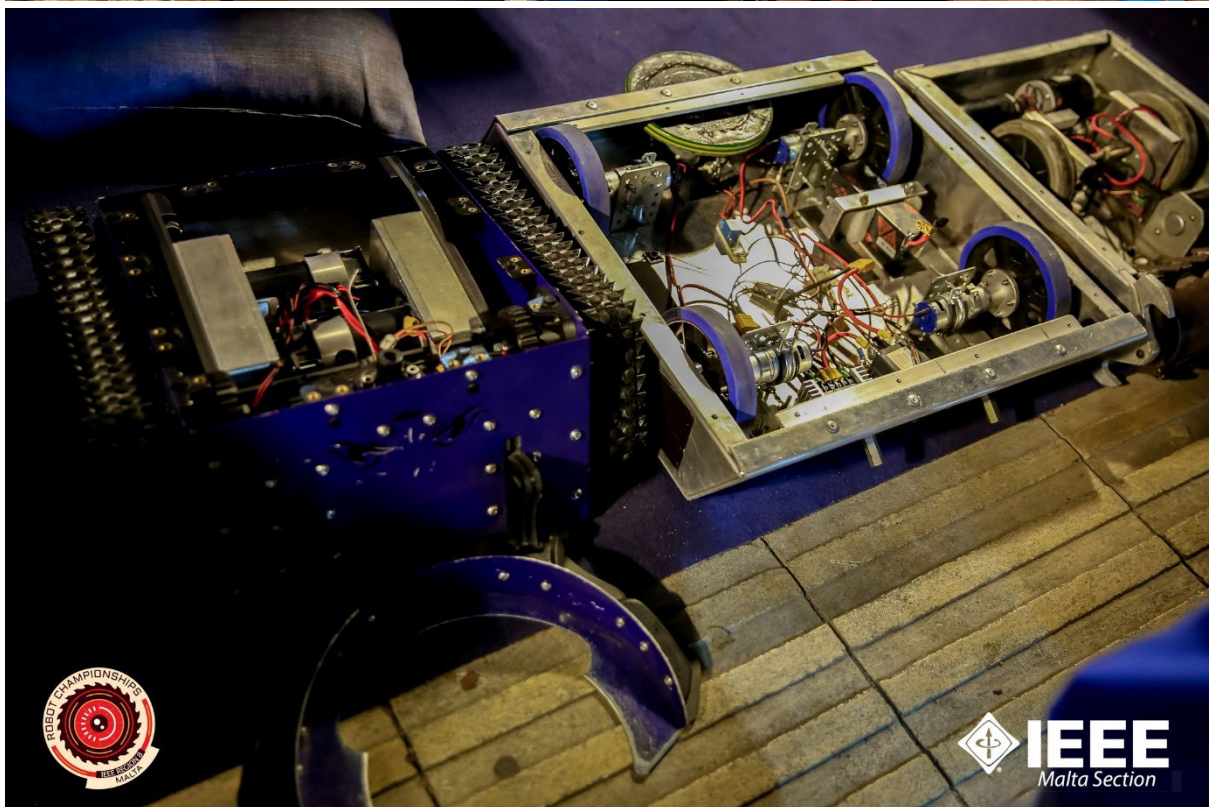
This bootcamp attracted 39 participants, including university students, healthcare professionals, and government representatives. The programme featured hands-on workshops aimed at creating a mobile app to address real-world digital health problems. Additionally, four talks on different applications of digital health were presented. The event was hosted by Dr Conrad Attard, who also facilitated the workshops.

4. Bootcamp: AppVisionaries - Empowering Girls in Mobile App Development – 5th and 9th September

As part of our STEM outreach programme, we hosted a bootcamp titled *AppVisionaries: Empowering Girls in Mobile App Development*. This event was attended by 25 girls, introducing them to the world of mobile app development and fostering their interest in technology.

5. Science in the City – 30th September

This is a yearly event during which IEEE Promotes STEM with fun activities.





6. IEEE R8 Robot Championship Malta 2024

In collaboration with the IEEE Computer Society and the IEEE R8 Professional and Education Committee, we are organising the Robot Championship selecting 15+ teams from 10+ countries. Different working groups with local and international members were formed to help organised the event. The championship is scheduled to be held on the 23rd and 24th of November 2023 at MonteKristo Arena and will be streamed live.

7. Webinar Series Collaboration with R8 SAC R8 PEA and IEEE Computer Society

In collaboration with R8 SAC and the IEEE Computer Society, we organised five webinars covering various topics related to the IEEE R8 Robot Championship:

- **Workshop 1:** *An Introduction to Building a Functional and Enduring Robot for the IEEE R8 Robot Championship* – Dr Clive Seguna
- **Workshop 2:** *Budgeting for the IEEE R8 Robot Championship: Gaining Support from Industry* – Rawan El Jamal
- **Workshop 3:** *Start with a Good Brand* – Vildana Hrnjic
- **Workshop 4:** *Preparing STEM Activities for the Robot Championship* – Dr Conrad Attard
- **Workshop 5:** *Managing Teams - Leading with Impact* by Sohaib

- **Workshop 6: Rules and Regulations for the IEEE R8 Robot Championship**
by Conrad Attard and Lawrence Chetcuti

05.09.2024.
6:30 PM (CET)

**IEEE REGION 8
ROBOT CHAMPIONSHIPS
MALTA 2024**

WEBINAR:
The Art of Project Management

Sohaib Sheikh
Senior Technical Program Manager
at Google

IEEE COMPUTER SOCIETY | IEEE Malta Section | PEA IEEE Region 8 Professional and Educational Activities | IEEE Region 8 | IEEE R8 SAC

These activities represent the IEEE Malta Section's ongoing commitment to fostering professional technical skills and promoting STEM education within the community.