

June 2024





**Lwanga Herbert,  
2023 - 2024 IEEE Humanitarian Technologies Board Chair**

Hello esteemed members and volunteers,

It is my pleasure to welcome you to this edition of our newsletter marking our progress halfway through the year 2024. I am honored to thank you for all the valuable contributions that you have made so far in fulfilling the IEEE and HTB visions focused on advancing all of humanity.

This month we have had the opportunity to participate in the IEEE Board of Directors Meeting Series in Toronto, Canada. During this event, HTB was honored to present during the IEEE Technical Activities Board (TAB) meeting about partnering for impact. Through identifying needs, co-designing a comprehensive approach, and measuring and showcasing impact, IEEE Humanitarian Technologies can help bridge the gap between technical expertise and humanitarian knowledge.



**Sampathkumar Veeraraghavan,  
IEEE Humanitarian Technologies Board Past Chair**

Dear Colleagues and Members,

IEEE HTB partnership efforts successfully drove many key collaborations in this past month, and as a result, we have participated in several global forums. I was honored to deliver a keynote at [GITEX Africa](#), Africa's biggest tech & startup show held recently in Marrakech, Morocco. My keynote focused on how IEEE and HTB partnership efforts are important in shaping Africa's tech-driven tomorrow with the latest technology breakthroughs and innovations. Our session received great interest and positive feedback from the audience. In addition, it was a joy to deliver the HTB workshop at the École Marocaine des Sciences de l'Ingénieur (EMSI) Student Branch in Casablanca to benefit close to 200 IEEE members from academia, industry, and student chapters in Morocco.

**Continue Reading the Notes from the HTB Chair and Past Chair on  
the HTB Website**

## Deadline Extended: Internet for All Open through 15 July



The IEEE Tech4Good program offers funding opportunities to support grassroots technological projects, led by IEEE members, that address local connectivity gaps to solve pressing social and environmental challenges. The [Internet for All Call for Proposals](#) presents a unique opportunity for ComSoc members to bring together their unique skills to bring the Internet to those who need it most.

The local connectivity projects should include specific social impact goals to enhance and improve gender inequalities, education, climate action, and food systems. Applicants must select a focus area for their connectivity project to be considered:

- Agricultural Technology ([SDG 2: Zero Hunger](#))
  - Technology to Improve Education ([SDG 4: Quality Education](#))
  - Technology to promote Gender Equality ([SDG 5: Gender Equality](#))
  - Technology to Support Climate Action ([SDG 13: Climate Action](#))
- Projects must have a connection to the local ComSoc chapter and engage a significant number of IEEE ComSoc members.



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Submissions will be accepted through 15 July 2024.

## 2024 Hurricane Season and Call for MOVE Global Volunteers



The 2024 hurricane season in the United States, which lasts from the beginning of June through the end of November, is expected to be extremely active and most hurricane forecasting organizations are expecting a record number of hurricanes. IEEE MOVE USA has taken action to address this potential threat by moving one of its trucks to Texas so that between the two vehicles the team has one day access to both the Atlantic

... Texas so that between the two vehicles the team has one day access to both the Atlantic and Gulf coast states. They have also implemented new equipment, completed in-person driver refresh classes, and are working closely with the team in Puerto Rico to ensure they are ready to respond as well if needed.

The MOVE Global program is looking for qualified volunteers who not only have a deep passion for humanitarian work but also the expertise, wisdom and time to commit in support of the program. Currently in an expansion phase of this IEEE-wide initiative, MOVE is seeking candidates for leadership positions of its committees as well as others with developing-world field experience to form and head working groups pursuing the wide variety of the MOVE Global goals. The team would love to learn about your passions, skills, interests, and volunteer time to explore how we can work together to find a good fit for you in the program. If interested, please complete the [MOVE volunteer form](#).

## Register your Team for the Next Empower a Billion Lives (EBL) Global Competition



You can participate in [EBL 2025](#) - a global biennial competition on Energy Access - and become part of creating transformative solutions. Solutions need to build on technical, business, and regional know-how and should propose, demonstrate, field test, and validate their solutions to accelerate time to scale and impact. Innovation can be in any area, including technology, business model, or use of novel social networking aspects. This opportunity is open to teams from companies, research organizations, entrepreneurial startups, and student teams from colleges and universities. Join the challenge that has provided over US\$1,000,000 in prizes and team support.

## 2024 EPICS in IEEE Environmental Projects Are Underway



Out of 168 proposals received from the fall Call for Environmental Proposals, the EPICS in IEEE committee is proud to announce the 21 projects were funded and are well underway. Stay tuned for updates on the great work these teams will deliver and visit the EPICS website to see the [list of projects](#) approved. EPICS in IEEE would like to extend a huge thank you to our partners for supporting these impactful projects! Partnership opportunities now available for the Fall 2024 call; if interested, please reach out to [epicsinieee@ieee.org](mailto:epicsinieee@ieee.org).

## EPICS in IEEE Student Project: Robotic Glove for Fine Motor Rehabilitation

Watch the newest [YouTube video](#) featuring the Robotic Glove for Fine Motor Rehab student project from Peru from the Access and Abilities Competition. Thank you to the IEEE Foundation for their support through the Jon C. Taenzer Memorial Fund.

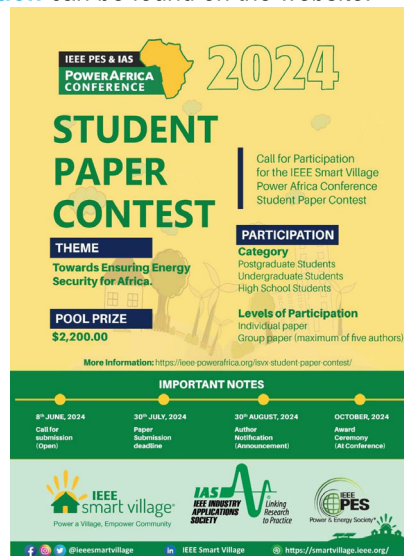
## IEEE Smart Village New Talent Program



The IEEE Smart Village (ISV) New Talents Program supports talented individuals who aspire to become Smart Village Developers. Our Developers are passionate entrepreneurs working to provide electricity and make effective use of energy in the most vulnerable communities in the world. At the upcoming IEEE PowerAfrica Conference 2024, New Talents will meet ISV leaders and funded Developers that can guide them in becoming an ISV Energy Entrepreneur.

At the workshops, New Talents will network with a generation of ISV project managers that are building and operating successful and sustainable micro-utility businesses across Africa and India. For more information, please visit the ISV website.

Students are also encouraged to submit a paper to the IEEE PowerAfrica Conference sharing their narrative on the quest for energy security in Africa. Details about the [ISV Student Paper Competition](#) can be found on the website.



## IEEE International Humanitarian Technologies Conference (IHTC) Call for Papers

The IEEE IHTC will take place from 27 - 30 November in Bari, Italy, and the conference has recently issued its call for papers. Stakeholders from the public, private, education and research, and societal sectors around the world are invited to submit their contributions focused on showcasing challenges, lessons learned, case studies, and technological innovation related to achieving the United Nations' Sustainable Development Goals (SDGs), ICT4D (ICT for Development), and the application of Humanitarian Technologies. The main themes of the conference are:



- CLEAN AND AFFORDABLE ENERGY
- CRITICAL EVENTS AND ADVERSE LIVING CONDITIONS
- LIFE QUALITY IMPROVEMENT

The deadline for paper submission is 15 July 2024. More information is available on [their website](#).

## The International Decentralized Energy Access Solutions Conference 2025 (IDEAS)



**IDEAS** is the first IEEE conference focused on energy access solutions. This conference will take place from 7 - 9 January 2025 in Bali, Indonesia and is associated with the Empower a Billion Lives global competition on energy access. This begins the understanding of how the energy transition feeds into the challenges posed by energy access, providing an opportunity for leapfrogging over traditional energy infrastructure solutions.

## ENGAGE IN IEEE HUMANITARIAN TECHNOLOGIES

### Important Dates & Upcoming Events

- 15 July - [IEEE ComSoc & Tech4Good Internet for All](#) submission deadline
- 15 July - [Paper submission deadline](#) for the IEEE International Humanitarian Technologies Conference (IEEE IHTC 2024)
- 01 - 03 October - [2024 Region 10 Humanitarian Technology Conference](#) (R10 HTC)
- 23 - 26 October - [2024 IEEE Global Humanitarian Technology Conference](#) (GHTC)
- 27 - 30 November - [IEEE International Humanitarian Technologies Conference \(IHTC\) 2024](#)

Visit the HTB/SIGHT [calendar](#) for more humanitarian technology events and activities.

Please let us know what you would like to read about in upcoming newsletters. Send your suggestions and ideas to [htb-office@ieee.org](mailto:htb-office@ieee.org).

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