



SC2023
Enabling Leaders
TO BUILD A **Sustainable Future**



2023 R10 Professional Activities Update

IEEE Region 10 Meeting, Ottawa, Canada

Dr. Zia Ahmed

R10 Vice Chair Professional Activities

Ottawa, Canada | 11 AUG 2023



R10 Professional Activities

- 1. R10 Professional Activities Committee (Chair: Dr. Daniel Eghbal)**
- 2. R10 Education Activities Committee (Chair: Dr Leon Lei)**
- 3. R10 Strategic Planning & New Initiatives Committee (Chair: Prof Takako Hashimoto)**
- 4. R10 History Committee (Chair: Mr. Harry MacDonald)**
- 5. R10 Newsletter Committee (Chair: Dr. Akila Wijethonge)**

2023 R10 Professional Activities Committee Update



Dr. Daniel Egbhal

Project 1: Appointment of Section PA coordinator - foster collaboration and knowledge sharing among PA volunteers. Work in progress.

Project 2: Professional Development

- **Professional development Courses** (Blended Learning Program launched)
 - ✓ 35 applications were receive and processed
- **R10 Hackathon Competition** among IEEE members (initial planning done)
 - ✓ Call for EOI to all Section/Subsections and Councils Chairs soon
- **PA Webinar series** in collaboration other committees
 - ✓ PA Webinar series: Panel discussions on AI and Energy Transition in Q4
 - ✓ Supporting R10 Talks for Standards and industry engagement webinars

2023 R10 Professional Activities Committee Update

Project 4: Technical Policy Support (TPS) Subcommittee – A New Initiative

- Terms of Reference drafted for a Technical Policy Support Working Group (TPS WG)
 - ✓ TPS WG activities will follow the principles outlined in the IEEE Bylaws (I-311. IEEE Public Policy-Related Activities).
 - ✓ TPS WG is to provide technical, policy, ethical, social, governmental, but not political recommendations, related to emerging technologies and advancements that are in an IEEE designated fields.
 - ✓ Support and plan technical forums on the identified focus areas at the Sections, Councils and Regional levels.
 - Internet of Things (IoT) and Cyber Security, Smart Grid and Energy Transition, Artificial Intelligence (AI) are three emerging technical topics based on expected government policies in the next 5 years in the Asia Pacific region.
- A call for EOI for experts to join the TPS WG has been released.

2023 R10 Educational Activities Committee Update



Dr Leon Lei

Project 1: R10 EAC Training Programs

- ✓ Connecting United Nations Sustainable Development Goals with the Educational Resources
- ✓ Sandbox for teaching and learning in CI for K12 and UG students.
- ✓ Workshop on “Best Practices of EA Projects” (Q3&4)
- ✓ Practical Integration of ChatGPT in Education (*New*)

Project 2: EA Project Development Grant

- ✓ 100 grant submissions, and 40 of them accepted.

Project 3: R10 Educational Activities Awards

- ✓ Processing of nominations for the following 2023 EA Awards has been completed:
 - R10 Educational Activities Outstanding Group Award
 - R10 Educational Activities Outstanding Volunteer Award



2023 R10 SP & NI Activities Committee Update



Takako Hashimoto

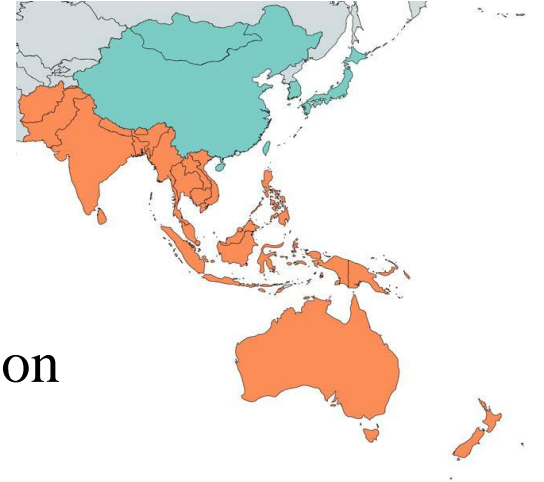
Project 1: R10 Strategic Planning and New Initiative Fund

- ✓ Support for larger inter-committee and inter-OU projects on initiatives such as Climate Change, Diversity & Inclusion or underserved membership in line with with the priorities of IEEE Board of Directors.
- ✓ Promote and encourage larger inter-committee and inter-OU projects, inter-zone
- ✓ 1–2-year project with up to \$10K (Expect matching co-funding and sponsorship from other sources)
- ✓ Proposals will be evaluated by Quality, Feasibility, Impact and Continuity, Experience/Capability of the proposal team, and future potentials

2023 R10 SP & NI Activities Committee Update

Project 2: Successful Region Realignment

- ✓ Officially approved by the IEEE BoD in Nov. 2022. R10 and R11 structures planned to be officially launched in 2028.
- ✓ Many issues to be resolved. For example new governing documents, split of funding, flagship conferences, consultation and communication with members etc.



Project 3: Establishment of R10 Virtual Flagship Conference(s)

- ✓ Define Targets, Audiences, Values, etc. of Virtual Conferences
- ✓ In 2021 SP & NI Committee conducted a survey for R10 Subsections/Sections/Councils about the challenges and opportunities, best practices, and operation ideas for holding another conference. Based on this survey, the details of a virtual conference in R10 are being currently under discussion.
- ✓ An initial draft on a strategy for R10 Virtual Flagship Conferences is expected to soon.

2023 R10 Newsletter Committee Update

R10 Newsletter keeps you updated about what is happening in the Region and records events as history in the making.

- Three issues published (Jan, Mar & Jun)
- Streamlining of the Newsletter Production:
 - ✓ Refinements in editorial tasks
 - ✓ Rearranged the newsletter website
 - ✓ Newsletter with less data consumption and easy access for both mobile and web with an embedded email,
 - ✓ Focus on IEEE R10 activities/ opportunities with the optimum number of pages,
 - ✓ Create posts for important articles on the website and social media



Dr. Akila Wijethonge



2023 R10 Newsletter Committee Update

In the Pipeline:

- Two more regular issues (September & December),
 - More news from IEEE societies and chapters,
 - Special supplements whenever there is an opportunity,
- Holding of R10 Section Editors' meetup and workshops (online),
- Collecting and analyzing statistics of reaches and downloads with feedback from readers,
- Planning for content-creating activities at major IEEE events,
- Reanalyze the process & contents of the newsletter after the fourth issue,
- Video recording of senior IEEE volunteers & leaders.

2023 R10 History Committee Update



Project 1: IEEE Milestones

- ✓ Work with IEEE History Committee to advance the pending applications
- ✓ Seek out and support new worthy R10 candidates.

Project 2: IEEE R10 History Page – Update and populate history content

- ✓ Ongoing - Sections support is vital to keep the R10 history up to date.

Project 3: Stepping Stone on the path to Milestone

- ✓ The Stepping Stone Award recognizes technological innovation and excellence for the benefit of humanity found in unique products, services, seminal papers, and patents. e.g. invented, initially demonstrated, first used, produced in Region 10, but not yet eligible for Milestone. Stepping Stone Awards honour the achievement, rather than necessarily a place or a person.
 - Stepping Stones may be proposed by any Region 10 IEEE member.
 - R10 funding towards the cost of plaque