IEEE R8 SC STANDARDS COORDINATION

Standards Coordination committee

Mona Ghassemian (UK and Ireland) – chair [ghassemian]
Committee members are:
- Tuncer Baykas (Turkey) (past-Chair) [tuncer-baykas]
- Albena Moveska (Bulgaria) [LinkedIn]
- Shmuel Auster (Israel)
- David Law (UK and Ireland) [davidlaw]
- Clara Neppel (Germany) (ex-officcio) [claraneppel]

Website: https://ieeer8.org/category/technical-activities/standards-coordination/

Goal:

The primary objective is to encourage active engagement in standardisation activities and raise awareness about IEEE standards within Region 8*.

KPIs & KVIs:

- KPIs: Target participation in four related IEEE events annually to deliver technical, educational or strategy planning to improve IEEE R8 standardisation activities

- KVI: Collaboration cooperation with IEEE SA to promote IEEE standardisations

Plans:

1) Close collaboration and planing including joints events with R8 Committees (e.g., Strategic Planning, Entrepreneurship, Climate Change, AFI, Chapter Coordination (including local groups), Conference Coordination, YP and WIE),

2) Inviting SA Board Members (incl BoG, standard board members) to Region 8 meetings,

3) Coordinating Region 8 officers (e.g., host section chair or nominated section ExCom) to participate in standardisation events,

4) Provide sessions to raise awareness of IEEE standardisation activities in IEEE Region 8, as well as related external activities with the IEEE SA coordination.

Selected target areas:

- Sustainability,
- AI Ethics,
- Robotics,
- Heath information,
- Comp/Comsoc,
- Mobility.

R8 Standards Coordination proposals for improvements

As IEEE is one of the world's largest standards organisations, this committee plays a vital role to engage in standardisation activities and raise awareness about standards within Region 8. Therefore, our recommendation is that the IEEE Standards Committee should function as a subcommittee within the technical activities sector. This arrangement would facilitate our ability to convene during Region 8 meetings and enhance our capacity to deliver improved outcomes.

There are several specific benefits that can be anticipated from having the IEEE Standards Committee operate as a subcommittee within the technical activities sector:

- Enhanced Collaboration: By integrating the IEEE Standards Committee as a subcommittee, there would be increased opportunities for collaboration and synergy between the standards development process and other technical activities. This alignment would foster greater coordination and exchange of expertise, leading to more robust and effective standards.

- Streamlined Decision-Making: Placing the IEEE Standards Committee as a subcommittee would allow for more streamlined decision-making processes. It would enable closer integration with other technical activities, facilitating quicker resolution of issues, and promoting efficient allocation of resources.

- Improved Consistency: Integration of the IEEE Standards Committee as a subcommittee would promote greater consistency and coherence between standards and other technical activities. This alignment would ensure that standards development is closely aligned with the broader goals and objectives of the technical community, resulting in more comprehensive and harmonised outcomes.

- Increased Visibility and Participation: Having the IEEE Standards Committee as a subcommittee would provide greater visibility and accessibility to standards-related discussions and initiatives during Region 8 meetings. This arrangement would encourage broader participation and engagement from stakeholders, leading to a more inclusive and representative standards development process.

- Enhanced Results and Impact: By bringing the IEEE Standards Committee closer to the technical activities sector, the subcommittee arrangement would foster a collaborative environment that harnesses the collective expertise and knowledge of the community. This collaborative approach is likely to result in improved standards, better addressing the evolving needs of the industry and society, and ultimately delivering greater impact.

Plans and Budget for 2024

Allocated resources:

- 2024 Budget: 2000 USD

Tentative 2024 events:

- London event (18th March): https://events.bizzabo.com/576079
- Meditcom 2024 Panel chairs
- (Tuncer Baykas, Mona Ghassemian), July 2024
- Mars game Strasclyde in Feb 2024 and 18th March London
- IEEE BoG 19-21 march meeting in london
- Non-IEEE events: coordination events e.g., one6Gsummit (co-located with IEEE PIMRC (Sept 2024)), and WWRF (London- King's College London Sep 2024)
- Climate change proposal submitted by Clara & Paul
- To be added based on Moira's information about the meetings: https://ieee802.org/3/interims/index.html

2023 Reports and Highlights

New logo designed and first used: https://summit2023.one6g.org/partners/

2023 committee achieved 6 categories of activities

1) Promoted IEEE Region 8 Standards Committee during Sections Congress (2 events)
2) Delivered talks & webinars to IEEE Region 8 members & student members (8 events)
3) Invited IEEE Region 8 Members as speakers to standardisation events (2 events)
4) Invited IEEE Region 8 Students to standardisation Events (1 event)
5) Organised meetings & joint events with other standardisations related bodies (5 cases)
6) Informed Region 8 members about financials supports to joint standards (2 cases)

Events after Sections Congress (August 2023)
1) IEEE PIMRC conference panel, Toronto, Sep 2023
2) IEEE CSCN conference, Munich, November 2023
3) Scientific partner one6G Summit 2023, Munich, November 2023
4) IEEE GlobeCom 2023, panel, KL, Malaysia, Dec 2023
5) Joint webinar with Action with Industry (IEEE 802 Standards) available online
6) IEEE 802 Standards (INTERACT Cost meeting Poland)
7) The Role of Connectivity in Industrial Automation (Luxembourg LIST)
8) How Li-Fi Could Revolutionise Wireless Communications (IEEE SA)
9) Turkiye Nuclear Business Platform (IEEE SA silver sponsor)
10) Introduction to Standards: IEEE Turkiye Students Summit

Overall 2023 activities
21 events:

1) IEEE Eurocon July 2023 "Introduction of IEEE Standardisation Process to Scholars" (Tuncer Baykas speaker)
2) Mars Game – Scotland, Feb 2023 (Informed by David Law)
3) IEEE EuCAP March 2023 Workshop on the IEEE Antennas & Propagation Standards (Organised by Vikass)
4) IEEE Balkancom June 2023 Keynote "Visible Light Communications for 6G and Beyond" (Organised by Tuncer Baykas)
5) IEEE ICC 2023 ComSoc meeting "Standardisation Opportunities for ComSoc Members" (Speaker Tuncer Baykas)
6) IEEE WCNC 2023 Panel "Intelligent communication for Tactile and Multimodal services in 6G Requirements, standardisation and challenges," Glassgow, UK, March 2023 (Organised and moderated by Mona Ghassemian)
7) IEEE SA BoG Event, Vienna, May 2023 (Shmuel Auster)
8) IEEE SA, Standards Institution of Israel Program (Shmueal Auster)
9) Two presentations received in IEEE 802 Berlin (Organised by Tuncer Baykas, speaker from EU Cost Actions)
10) Student Outreach Program in IEEE 802 Berlin (Promoted in Europe by Tuncer Baykas, German Students joined)
11) Two time slots in Sections Congress (Speaker Tuncer Baykas)
12) IEEE CSCN conference, November (Panel Standardisation Landscape for 6G Robotic Services at IEEE CSCN 2023) (Organised by Mona Ghassemian, and panel speaker)
13) Scientific partner one6G Summit 2023 November 2023 (Workshop)
14) Joint webinar with Action with Industry (IEEE 802 Standards) (Organised by Tuncer Baykas, speaker from IEEE 802.15)
15) IEEE 802 Standards (INTERACT Cost meeting Poland) (IEEE 802 Wireless Next Generation chair made presentation)
16) The Role of Connectivity in Industrial Automation (Luxembourg LIST) (IEEE 802 Wireless Next Generation chair made presentation)
17) How Li-Fi Could Revolutionise Wireless Communications (IEEE SA) (Speaker Tuncer Baykas and Nikola Serafimovski)
18) Turkiye Nuclear Business Platform (IEEE SA silver sponsor) (Important event in R8)
19) Introduction to Standards: IEEE Turkiye Students Summit (Speaker Tuncer Baykas)
20) IEEE PIMRC 2024, panel, September 2023 (Organised by Mona Ghassemian)
21) IEEE GlobeCom, panel, Dec 2023 (Organised by Mona Ghassemian)