Technical Activities

Ad Hoc Committees

Technical Activities

- Standards Coordination
- Cross Section Technical Cooperation
- Climate Change
- Educational Infrastructures
- Cooperation with IEEE S/TCs & National Associations

Mona Ghassemian
Uk & Ireland

Nadezhda Kunicina
Latvia

Paul M Cunningham
Uk & Ireland

Albert Lysko
South Africa

Peter Nagy
Hungary
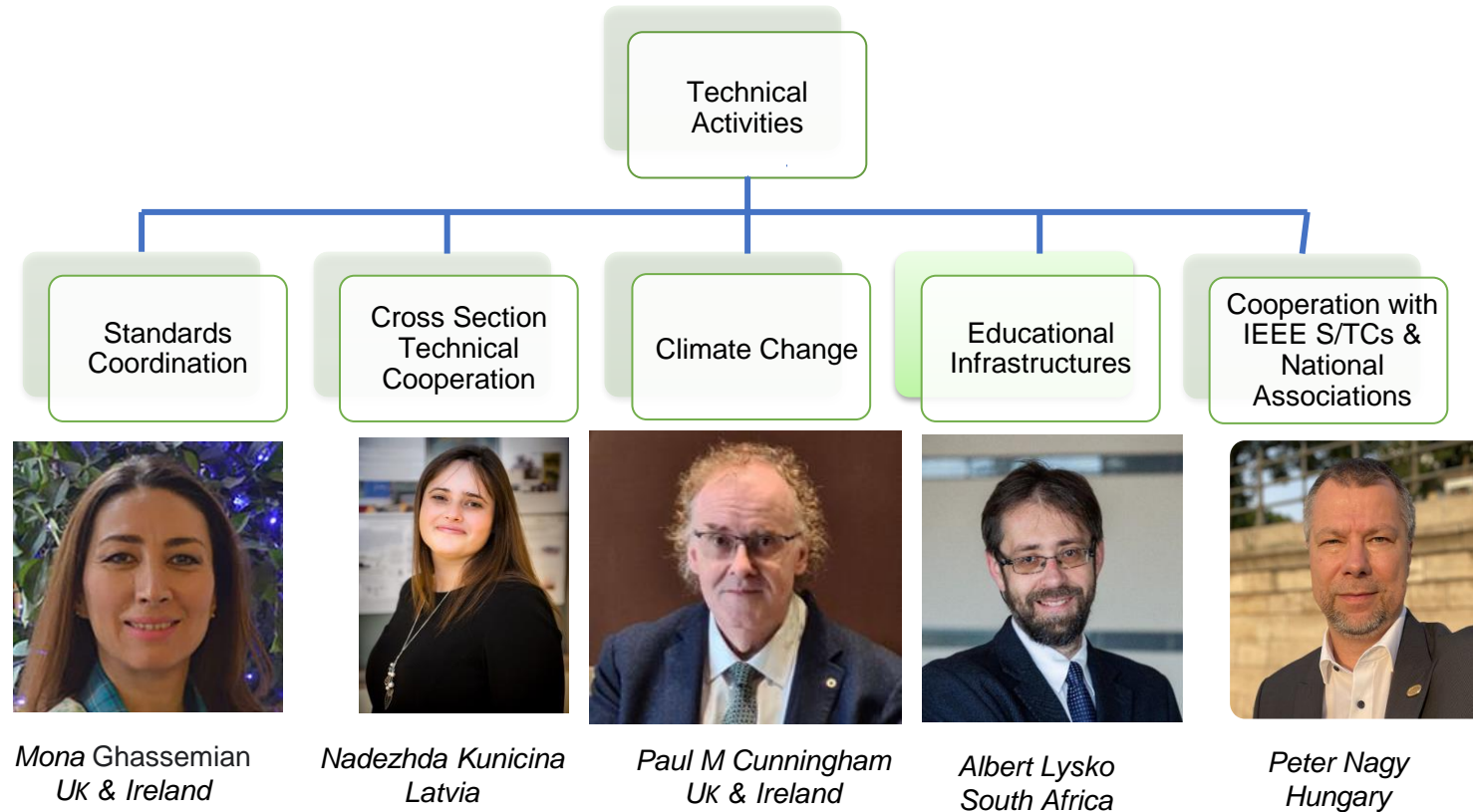
Standards Coordination AdHoc

Fall 2024

Mona Ghassemian

Standards Coordination Committee Members

Albena Moveska
Bulgaria

Tuncer Baykas
Turkey

Mona Ghassemian
UK and Ireland
(Chair)

David Law
UK and Ireland

Shmuel Auster
Israel

Shadid Mumtaz
Portugal

Maria-Alexandra Paun
Switzerland

Vikass Monebhurrun
France

Clara Napel
Austria (ex-officio)

Contact: standards.coordinator@ieeer8.org
Committee Website: https://ieeer8.org/category/technical-activities/standards-coordination/

Goals and KPIs

Standard Coordination Committee

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

Key performance indicators. Target participation in four related IEEE events annually to deliver technical, educational or strategy planning to improve IEEE R8 standardisation activities

Key Value Indicators: Collaboration cooperation with IEEE SA to promote IEEE standardisations

Progress since R8 Sections in Vienna (March 2024)

IEEE R8 SC STANDARDS COORDINATION

Standard Coordination Committee

▶ A number of events organised and supported by the R8 SC, and shared over eNotices

▶ Q4 event highlights (next slide)

▶ IEEE PAR submission support

- IEEE P1955 : 6G empower robotics PAR approved (Call for participation- Slide 8))

▶ Standard training workshop is organised in conjunction with IEEE CSCN and IEEE TELFOR events in Serbia, Belgrade on 25th of Nov 2024 – using a successful bid for the MGA surplus funding applied in March (Slide 7)

Q4 events

Event	Date	Location	Standard relation	contributor / committee involvement
IEEE MeditCom (technical panel, YP panel)	9th July	Madrid	Organising committee	Mona/Tuncer Speaker: Mona
R8 SYP (standard training)	15-19th July	Grenoble	Workshop on standard	Mona/Vikass (support with content) *
one6G summit (2024)	5&6th Sep	Valencia	Speaker	Speaker: Albena https://summit2024.one6g.org/speakers/
RTSI	18-20 Sep	Milan	Speaker Related standards: P1918.1 P1955	Speaker: Mona https://2024.ieee-rtsi.org/workshop-humanoid-robotics-ubiquitous/
P1955	25 Oct	Online	Kick-off meeting for a new standards	Chair: Mona https://standards.ieee.org/ieee/1955/11660/
CSCN	25th Nov	Belgrade	Workshop organiser (CSCN/Telfor)	Mona/Tuncer/Albena/Clara/David **Registration link:** **https://events.vtools.ieee.org/event/register/434033**
IHTC	27th Nov	Bary	Speaker	Clara

Call for participation

IEEE SA STANDARDS ASSOCIATION

◆IEEE

☰   🔍

Active PAR

P1955

Standard for 6G Empowering Robotics: Use Case Scenarios, Requirements, Architectural Impact, and Technical Assumptions

Sponsor Committee	COM/MobiNet-SC - Mobile Communication Networks Standards Committee
Joint Sponsors	RAS/SC ›

https://standards.ieee.org/ieee/1955/11660/

Kick-off meeting 25th October 2024

Interested to participate?
Or Interested to start your Standard project?

Contact:
standards.coordinator@ieeer8.org

FIRST MULTI-REGIONAL IEEE STANDARDISATION TRAINING WORKSHOP

Why Standards Matter:
How IEEE Standards Drive Industry Advancement and Foster Entrepreneurial Success

Monday 25th Nov 2024 (HYBRID)

Free Registeration by 20 October 2024
Hybrid event
No Admission Charge

Agenda- Workshop Programme

Opening remarks (9:00-9:30) Region 7 & 8, IEEE SA, Local section representatives

Part 1 (9:30-13:00 local time) [on-site]

1. "Introduction to standards and Standardisation procedures"
· Speaker: Srikanth Chandrasekaran, Sr. Director and Foundational Technologies Practice Lead (IEEE-SA)
2. Interactive Session on **"Mars game: Change the World, Influencing and Creating Standards"**
· Instructor: James Irvine, University of Strathclyde, Scotland

Part 2 (14:00-17:00 local time) [Hybrid]

1. **"Overview of engaging and developing standards within IEEE Standards Association"**
· Speaker: David Law, IEEE-SA Standards Board Chair, IEEE 802.3 Ethernet WG Chair/Hewlett Packard, UK
2. **"Time Sensitive Networking (TSN) technologies and standardisation"**
· Speaker: Glenn Parsons, IEEE 802.1 WG Chair/Ericsson Canada/IEEE R7 SC
3. **"The importance of standards in the area of AI & Ethics"**
· Speaker: Ali Hessami, Lead AI Ethics Assessor, IEEE P7000 project lead/ Vegasystems, UK
4. **"The role of standards for enabling sustainable innovation in the area of Climate Change"**
· Speaker: Irene Kitsara , Director of European Standardization Initiatives, Austria
5. Round table discussion on **"Standards Enabling Innovation for Industry and Entrepreneurship"**
· Moderator: Mona Ghassemian, Huawei UK/IEEE R8 SC, Panelists: All Workshop Speakers

List of Organisers

Co-chairs:

- Mona Ghassemian (IEEE Region 8 Standards Coordination (R8SC) Chair)
- Periklis Chatzimisios (IEEE CSCN 2024 General co-Chair)
- Glenn Parsons (IEEE R7 Standards Coordination Chair)
- Srikanth Chandrasekaran, (Senior Director & Foundational Technologies Practice Lead, IEEE-SA)

Organising committee:

- Tuncer Baykas, Albena Mihovska (R8 SC Committee)
- Aleksandar Nešković, Chair of TELFOR Steering Committee and Mladen Koprivica, Chair of TELFOR Organizing Committee.

The event is co-located with the IEEE Conference on Standards for Communications and Networking (CSCN 2024), and TELFOR events (sponsored by IEEE and IEEE Region 8). See more at: https://cscn2024.ieee-cscn.org/workshop/standards
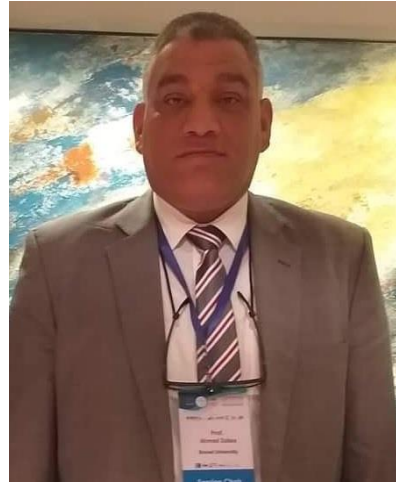
Cross-section Technical Cooperation AdHoc

Fall 2024

Nadezhda Kunicina

AdHoc name committee members 2024

Nadezhda Kunicina

(Latvia)

Ahmed Zobaa

(UK & Ireland)

Ester Muchiri

(Kenya)

Muhammad Al-Braham

(UAE)

Goals and KPIs

Committee is directed to study, stimulate and coordinate possible technical activities across sections, disseminate best practices for R8.

We are ready to help to organize e.g. to sent e – notice to different sections, promoting multi sectional event.

We are ready to organize and present best practices in R8 in physical and virtual events Academic, Industry, WiE, Students &YPs.

KPI – to serve 100% of Sections requests in Cross-section Technical Cooperation.
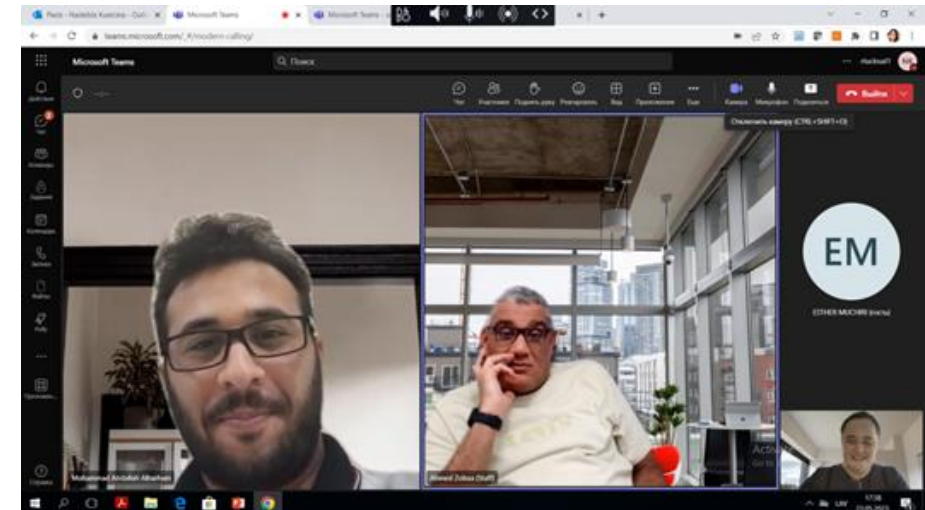
Progress made since R8 Vienna meeting (March 2024)

▶ Special events to enrich the program and cross-sectional cooperation/ Workshop on IEEE conference organization and sponsorship, Riga 11.10.2024 speaker Nadezhda Kunicina

▶ Cross-sectional cooperation IEEE R8 Chapter Panorama speaker Muhammad Al-Barham

▶ Cross-sectional cooperation events in Africa 20th – 22nd November 2024 Esther Muchiri

▶ Cross-sectional cooperation activities co joint with technical talks on Electrical Power Engineering Ahmed Faheem Zobaa

Plans for 2024

▶ Training in power supply and electrotechnics (Baltic/Nordic region)

▶ Cooperation for education activities (EU/ Non EU)

▶ Planning of several industrial event (under progress)

▶ Planning of several event for Students and YP (under progress)

▶ Presentation in regional events

AdHoc Committee on Educational Infrastructure

Fall 2024

Albert Lysko

Introduction: AdHoc Committee on Educational Infrastructure

Committee members:

Albert Lysko
South Africa
(Chair)

Igor Matias
Switzerland
(Vice-Chair)

Murielle Lacombled
France
(Vice-Chair)

Aleksei Tepljakov
Estonia

Ala' F Khalifeh
Jordan

Ali Hussain Alfayly
Kuwait

IEEE Region 8 Director

Vincenzo Piuri
Italy

Barbara Vujkov
Serbia

Neecharl Ramprosand
Mauritius

Sohaib Qamar Sheikh
UK
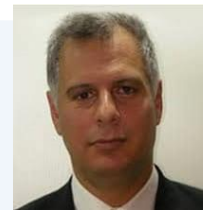
Dennis K. Cherogony
Kenya

Juri Belikov
Estonia

Udochukwu Akuru
South Africa

IEEE R8 VC: TA

Marios Antoniou

Contact: educational.infrastructures.coordinator@ieeer8.org

Goals and KPIs

Mission

This Ad-Hoc committee shall study services and infrastructures and prepare a framework to make technical knowledge and practical skills more accessible and support the expansion of Region 8 educational activities

Goals/KPIs

1. Identify existing resources

2. Develop guidelines for conducting events to produce high-quality, usable content in various formats, such as videos, recordings, etc.

3. Analyse frameworks for efficiently distributing educational content and materials, including storage and promotion strategies (results to share with IEEE towards prioritizing development of existing or new tools)

Progress made since R8 Vienna meeting (March 2024)

1. Are all tools equally popular? We prepared and run a **survey** (by 36 Section Chairs) regarding usage of the IEEE and non-IEEE tools. *Next is to widen the survey and discuss results with IEEE ⮕ Priorities for IEEE*

2. To evaluate the next steps and focus areas, we prepared and executed a small **survey** on priorities.

3. Prepared a **longer-term plan** and a draft funding proposal

4. **Reviewed** additional **tools**, and **Updated tool/event guidelines**

5. Submitted a **recommendation to MGA** for vTools Events to include hosting additional data (e.g., a link to recording etc.)

6. Co-organised and presented **R8 Blitz info session** with R8 PEAC

2024 Report for R8: https://www.dropbox.com/scl/fi/o5nw3nba5nejx0vovvnae/2024-10-08-ieee-R8-Ad-Hoc-Committee-on-Educational-Infrastructure-Report.pdf?rlkey=sty9vkmr1xzs9x7vfre2ja9vp&dl=0

Survey key conclusions:

- Every Section Chair knows vTools
- Most know Collabratec, YouTube and IEEE.tv
- Poor knowledge of CLE, ILN, TAB Resource Centre
- Big diversity on cost expectations: most want free; some ok with ~$3-$10

Plans for the rest of 2024

We are now in a position to motivate R8 members to generate more content, and so we are organizing a series of talks on the tools.

1. We are organising a **series of talks on the resources/tools**, in collaboration with R8 PEAC:

Date/time	Topic	Presenter(s) and moderator(s)
4 Nov 2024 6pm CET	**IEEE Educational Activities: the Gateway to your Carrer Growth**	by **Andrejs Romanovs** (Latvia), moderated by Albert Lysko (South Africa)
6 Nov 2024 6pm CET	**vTools Overview**	by **Aubrey L Walter**, vTools Project Manager, MGA, moderated by Albert Lysko
7 Nov 2024 6pm CET	**IEEE Center for Leadership Excellence (CLE): an overview**	by **Ala F Khalifeh** (Jordan); moderated by Albert Lysko
12 Nov 2024 6pm CET	**Becoming a research influencer on YouTube and social media**	by **Emil Björnson**; moderated by Albert Lysko
18 Nov 2024 6pm CET	**Your resource Collabratec - overview and practical demo, focusing on educational content**	by **Dimuthu Anuraj**; moderated by Juri Belikov, with Introduction by Albert Lysko
20 Nov 2024 6pm CET	**IEEE.tv - Your resource - what it has and how to upload**	by **Nicholas Lehotzky**, Manager IEEE.tv, MGA; moderated by Albert Lysko
3 Dec 2024 6pm CET	**Your Resource, the IEEE Learning Network (ILN) - overview and practical demo,**	by **Jill Bagley**, Continuing Education Platform Senior Manager; moderated by Sohaib Qamar Sheikh, with Introduction by Albert Lysko

Already on vTools Events and WebEx Webinar Series ☺

eNotice in progress

2. We are running an R8-wide survey to help in prioritising the developments
3. Report results to the global IEEE

Cooperation with IEEE S/TCs and National Associations

Fall 2024

Peter Nagy, Hungary

Cooperation with IEEE S/TCs and National Associations Committee Members

Peter Nagy
Hungary

Ilhem Kallel
Tunisia

Reinhard Moeller
Germany

Erol Gelenbe
UK and Ireland

Bruno Meyer
France

Igor Kuzle
Croatia

Shahid Mumtaz
Portugal

Mariusz Malinowski
Poland

Gloria Chukwudebe
Nigeria

Bochra Boudriga
Tunisia

Goals and KPIs

▶ Collecting best practices of existing cooperations' with national organizations – at least 10 activities   **Completed**

▶ Sharing lessons learned with R8 Section chairs to showcase the available opportunities – a presentation at a Region 8 meeting   **Ahead of us**

▶ Support the R8 section chairs to strengthen the cooperation – at least 5 deep discussions   **Partly completed**

Progress made and plans for 2024

Completed activities

- List the active agreements

- Contact the 1st round section chairs

- Evaluate the feedback from sections

- Compile the initial best practice list

Later this year

- *Compare the activities in Region 10 and Region 9*

- *Share a ready-to-implement list of activities with Section Chairs*

- *Support Section Chairs to implement the new agreement(s)*

Is any immediate support needed?
regarding the National Society Agreement's renewal, signature, best practices, establish new one…
Contact Peter at nagy.peter@ieee.org, Marios, Marc, or Kathleen at national-societies@ieee.org

Climate Change AdHoc

Fall 2024

Paul Cunningham

◆IEEE | IEEE Region 8

IEEE Region 8 Committee on Climate Change - Members

▶ **Prof. Paul M Cunningham (Chair)** – Coordination, Liaison with IEEE Climate Change Initiatives

▶ **Maurine Chepkemoi** – Climate Change Liaison with Sections, Young Professionals and WIE in Africa

▶ **Prof. René Garello** – Oceans, Climate Change Liaison with Sections, Young Professionals & WIE in Europe

▶ **Cybele Ghanen** – Climate Change Liaison with Sections, Young Professionals and WIE in Middle East

▶ **Prof. Aoife Foley** – Green Energy, Clean Tech, Decarbonization

Prof. Paul M Cunningham
UK and Ireland

Maurine Chepkemoi
Kenya

Prof. René Garello
France

Cybele Ghanen
Lebanon

Prof. Aoife M. Foley
UK and Ireland

Goals of IEEE Region 8 Committee on Climate Change

▶ Sustain Strategic Relationships with Relevant IEEE OUs, Committees & Task Forces

▶ Visibility of IEEE Climate Change Activities across Region 8
- Promote Inclusion of Climate Change Topics at IEEE Supported Events in R8
- Identify and Promote Inclusion of Climate Change Focused DLs/Subject Matter Experts at IEEE Supported Events in Region 8
- Showcase IEEE Activities and Capacity across Region 8

▶ Support Coordination of IEEE Climate Change Activities across Region 8

Progress made since R8 Vienna Meeting (March 2024)

- Sustain Strategic Relationships with Relevant IEEE OUs, Committees & Task Forces
  - Coordinating with IEEE Vienna Office Staff (engagement beyond IEEE); IEEE Spectrum Staff (NIC Youth focused Climate Change Solutions Initiative); IEEE TAB Climate Change Activities; IEEE EIE Working Group: Climate Change (Paul)

- Visibility of IEEE Climate Change Activities across Region 8
  - IEEE Student & YP Lebanon Congress (6th July) - Plenary Presentation (Paul)
  - IEEE Region 8 SYP Congress (16th July)- Plenary Panel (Rene, Paul, Laura Bridgement - IEEE Spectrum), Moderated Roundtables (Paul, Rene, Cybele)
  - Technology, Sustainability & Climate Change IEEE Week Event (IEEE President Dr Tom Coughlin, Paul, Government, Industry, Research), Dublin 4th Oct

- Support Coordination of IEEE Climate Change Activities across Region 8
  - Engagement with IEEE Climate Change related Committees (including YP)
  - Providing Strategic Support to NIC Climate Change Initiative (Paul, Rene)

Plans for Remainder of 2024

- Visibility of IEEE Climate Change Activities across Region 8
  - 2024 IEEE Online Forum on Climate Change Technologies (4 - 7 November, 2 - 5 December) - Technical Program Committee Members (Paul, Aoife)
  - IEEE IHTC 2024 (27th November)- Climate Change Panel (Paul, Rene)
  - Launching Region 8 Webinar Series on Climate Change (Paul, Rene)
  - Launching R8 Competition for Short Videos by IEEE Students and YPs focused on climate change mitigation solutions, in cooperation with IEEE Spectrum

- Contributing to Identification Protocols for IEEE Climate Change Experts (Paul)
- 2025 IEEE Clean Tech Symposium - Government & Civic Engagement Chair (Paul)

- Support Coordination of IEEE Climate Change Activities across Region
  - Invited to IEEE-ITU Symposium on Achieving Climate Resilience in Geneva by IEEE Past-President Prof. Saifur Rahman (Paul, 12 - 13 December)
  - Engagement with IEEE Climate Change related Committees (including YP)
  - Providing Strategic Support to NIC Climate Change Initiative (Paul, Rene)

Questions?

IEEE | IEEE Region 8