

## Professional and Educational Activities Committee

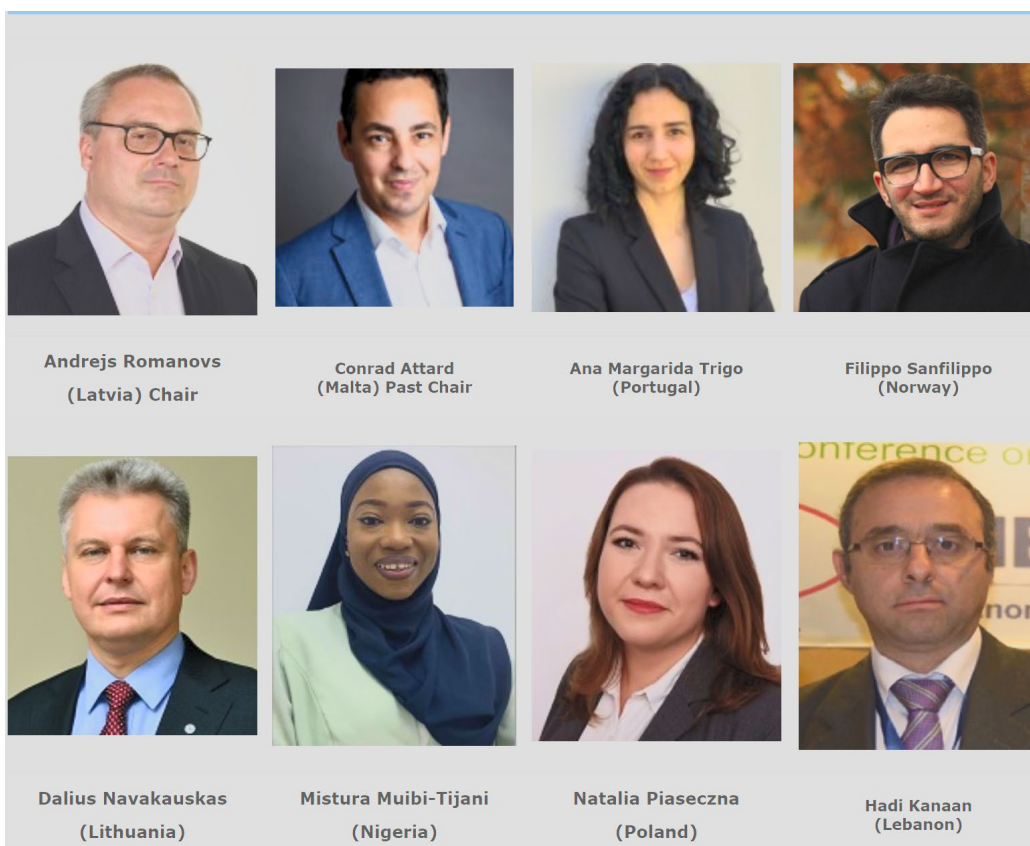
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PEAC's mission is to coordinate educational activities programs in Region 8 including pre-university, university-level and continuing education, and to promote the public awareness of IEEE educational programs and resources for educators, engineering professionals, parents, students, IEEE volunteers and members, and the public. To serve as contact point for Region 8 Educational Activities and Professional Activities officers and members.

To encourage and support local IEEE organizational units to organize professional and educational seminars and workshops in Region 8 and to train local tutors for these activities. To promote the development of non-technical skills programs in order to meet the ever-changing landscape of modern education, as well as the changing needs of engineering students and professionals.

### PEAC 2024 team



### Goals

1. Encourage and advise the appointment of local PEA officers and Educational Activities Committees, and the establishment of PEA activities in all Region 8 Sections.

KPI: Number of PEA officers in Sections

2. Serve as contact point for Region 8 Educational Activities and Professional Activities officers and members in Sections.

KPI: number of requested/resolved messages

3. Promote educational activities and inform IEEE volunteers and individual members about PA products and services, and their importance and value. Support and motivate to create PE events locally and cross-sectionally.

KPI: number of eNotice/webcast delivered, number of unique clicks on links in eNotes/emails, number of events organized, number of participants

4. Support IEEE Educational Activities Programs by promoting, and whenever possible funding them.

4.1 Continuing Professional Education Programs, such as IEEE Learning Network (ILN), IEEE eLearning Library, IEEE Credentialing Program, IEEE Innovation at Work

KPI: number of participants, distribution by countries and topics, number of taken courses

4.2 University Education Programs, such as EPICS (Engineering Projects in Community Service), IEEE-Eta Kappa Nu, Teaching Excellence Hub, accreditation with ABET.

KPI: number of participants, distribution by countries, number of organized STEM workshops, number of project applicants, number of winners

4.3 Pre-University Education Programs, such as IEEE TryEngineering Month, IEEE TryEngineering Summer Institute, TryEngineering Together, STEM Grants.

KPI: number of participants from, distribution by countries, number of grant applicants, number of winners

5. Promote and support IEEE global and Region 8 local programs, such as EAB Awards, IEEE Education Week, IEEE Region 8 Robot Championship, Region 8 Acceleration Program, Local Language Program, etc.

KPI: number of applications, number of participants, distribution by countries, number of winners, number of sponsors

6. Recruit speakers to support development of soft skills via PEA Speakers Program. Recruit expert, train and educate local presenters/trainers for PA topics in Region 8.

KPI: number of speakers, number of training sessions

7. Establish working cooperation with Region 8 Standing Committees (Action for Industry, Entrepreneurship) and AdHoc Committees (Continuing Education, Educational Infrastructures, Engineering Projects in Community Service), collaborate with Educational Activities Board (EAB) and IEEE–USA on PA products and services to enhance members services and employment prospects.

KPI: number of joint events

### Progress since the last report

Statistics:

Five PEAC Meeting has been organized during the reporting period.

R8 Pre-University meetings held – 67

R8 STEM program meetings held – 135

R8 Continuing Education meetings held – 153

R8 Professional Development meetings held – 430

The appointment of local PEA officers and Educational Activities Committees in Region 8 Sections.

For Educational Activities Chairs in Sections of Region 8 we have slight decrease for the reporting period – as of January 2024 number of Educational Activities Chairs is 27 (30 in July 2023), while number of Professional Activities Chairs remains the same - 26 (26 in July 2023).

Promotion of educational and professional activities.

(EAB/Committee level) Talk about IEEE R8 PEA – at the VILNIUS TECH ATHENA Doctoral School (July 21st)

(University level) Talk about IEEE PEA opportunities for students and YPs – at the 2023 Africa Students and Young Professionals Congress (July 27th)

(Continuing Education level) Informing about Empowering Technical Leaders (August 28th)

(Pre-University level) Informing about STEM Grants (November 27th)

(University level) R8 PEA Workshop at Central European Student and Young Professionals Congress (December 2nd)

Promotion and support of Region 8 local programs.

Local Language Program 2023 ended with 15 awardees

Local Language Program 2024 started with 15 approved awardees

Accelerator program 2023 ended with 1 awardee

Accelerator program 2024 started with 6 approved awardees (2 per each PEAC program: pre-University, University and Continuing Education)

PEA Speakers Program – on-going communication with prospective speakers

STEM educational activities linked to the IEEE R8 Robot Championship – second call is open (prolonged till March 2024)

IEEE R8 Robot Championship - second call is open (till March 2024)

Serve as contact point for Region 8 Educational Activities and Professional Activities officers and members in Sections

R8 Professional and Educational Activities Chairs Tribune (Feb 27th) – virtual chairs meeting (open), discussing current challenges and vertical and horizontal support of PE activities in R8.