


Technical Activities report

Peter Nagy

R8 meeting, 7 Nov 2021

Vice-Chair Technical Activities - Highlights



- ▶ The subcommittees deliver results
- ▶ Conferences, chapters have challenges due pandemic
- ▶ Education activities in cooperation with Education Activities Board, STEM activities, Speakers program, Robot Wars
- ▶ Mentorship is increasing,  **IEEE SA**
STANDARDS ASSOCIATION
- ▶ Standards speakers, good relationship with SA
- ▶ IEEE volunteering is still competing with work and private life
- ▶ More volunteers is needed for next year, nagy.peter@ieee.org



Chapter coordination Highlights

► R8 Chapter Coordination Statistics & Trends

- 41 380 members of Societies
- 634 Active Chapters
- 475 Active Student Branch Chapters

► Status on new chapters created since last meeting

- 10 new Chapters are created
- 36 new Student Branch Chapters are created

► Chapters under high risk

- 29 Chapters have not reported for the past 4 years and are at risk of being dissolved



Chapter coordination Highlights

- ▶ **Monitoring current state of R8 Chapters**
 - Analysis of newly formed and dormant chapters is done
 - Analysis of potential chapters is done, for both existing IEEE OUs and for countries with no IEEE OUs
- ▶ **R8 Chapter Coordination training**
 - Chapter Coordination training at the 2021 R8 Volunteer Training Workshop (June 2021), with focus on topical needs of Technical Chapters and Student Branch Chapters.
 - Planned Chapter Best Practice Platform (2021 Nov-Dec)
- ▶ **Organization of the R8 Chapter of the Year 2021 Awards**

The Region 8 Chapter of the Year Awards

Small

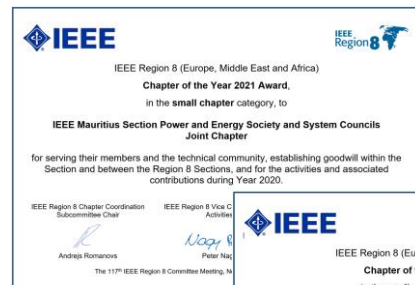
**IEEE Power and Energy Society and System
Councils Joint Chapter
*IEEE Mauritius Section***

Middle

**IEEE Communications, Microwave Theory & Techniques,
Antenna and Propagation Joint Societies Chapter
*IEEE Latvia Section***

Large

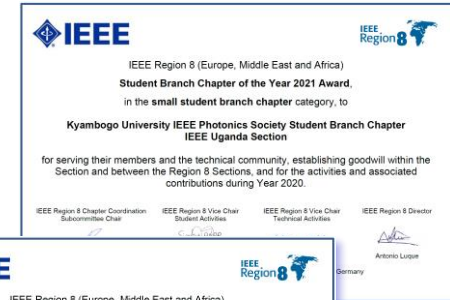
**IEEE Power and Energy Society Chapter
*IEEE UK and Ireland Section***



The Region 8 Student Branch Chapter of the Year Awards

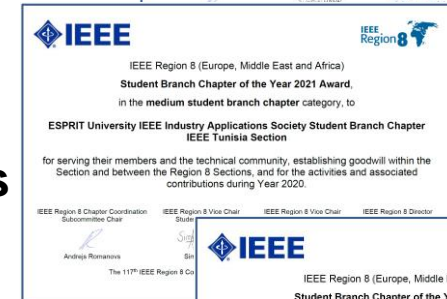
Small

**Kyambogo University IEEE Photonics Society
Student Branch Chapter
*IEEE Uganda Section***



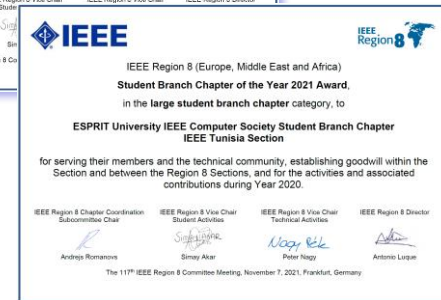
Middle

**ESPRIT University IEEE Industry Applications
Society Student Branch Chapter
*IEEE Tunisia Section***



Large

**ESPRIT University IEEE Computer Society
Student Branch Chapter
*IEEE Tunisia Section***



Best Special award

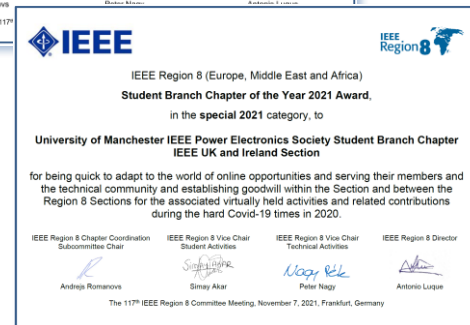
“Most Virtually Active and Adaptive Region 8 Chapter / Student Branch Chapter of the Hard COVID-19 Times”

- Technical Chapter

**IEEE Instrumentation and Measurement Society
Chapter**
IEEE Italy Section

- Student Branch Chapter

**University of Manchester IEEE Power Electronics
Society Student Branch Chapter**
IEEE UK and Ireland Section



R8 Chapter Coordination Subcommittee 2021



Andrejs Romanovs
(Latvia)
Chair



Albert Lysko
(South Africa)
Past Chair



Aleksandar Mastilovic
(Serbia and Montenegro)



Wynand Lambrechts
(South Africa)



Matej Pacha
(Czechoslovakia)



Toni Mattila
(Finland)



Rawan El Jamal
(Lebanon)
Liaison from YP



Muhammad Al-Barham
(Jordan)
Liaison from SAC

We are here to serve as an action body to help build relationships between R8 Chapters and their parent Societies and Technical Councils, to encourage the good management and vigor of R8 Chapters, and to investigate and encourage the formation of R8 Chapters.



chapters.officer@ieee8.org



R8 Conference Coordination Subcommittee

**We are here to
support You ...**

<http://conferences.ieeer8.org>

➤ Goals

- Review of the financial and technical co-sponsorship (TCS/FCS) requests
- Ensure success of the R8 flagship conferences: call for bids, support, oversight
- Ensure success of IEEE conferences TCS/FCS by the R8
- Increase the R8 visibility through conferences
- Support the sections' conference coordinators

2021 Team:



Habib M. Kammoun
(Tunisia)
Chair



Ljupco Karadzinov
(North Macedonia)
Past Chair



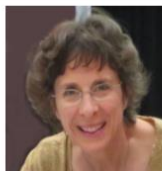
Nadezda Kunicina
(Latvia)
Member



Robert Bierwolf
(Benelux)
Member



Ridha Hamila
(Qatar)
Corresponding member



Tiziana Tambosso
(Italy)
Corresponding member



Eric Kuada
(Ghana)
Corresponding member

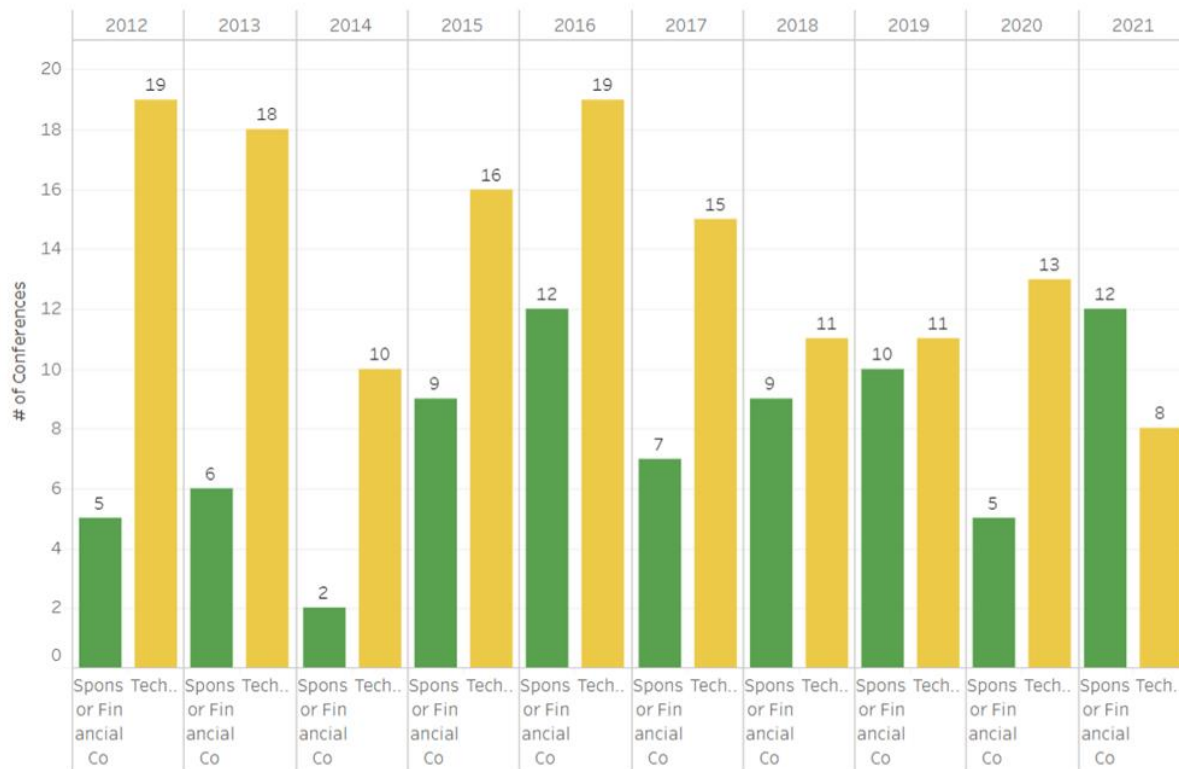


Albert Lysko
(South Africa)
Corresponding member

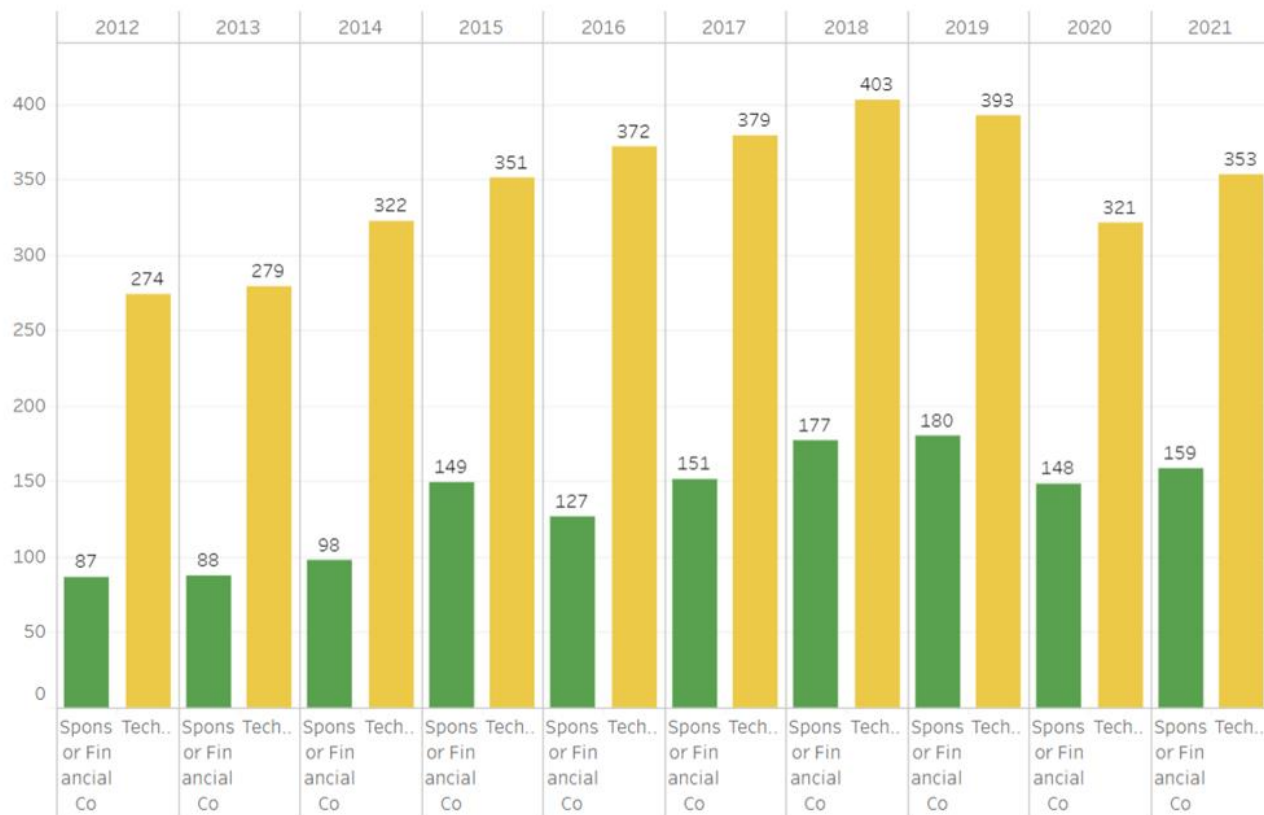


Margaretha Eriksson
(Sweden)
Finance AdHoc
subcommittee Liaison

R8 involvement in the TCS/FCS conferences



Number of TCS/FCS conferences organized within the region



Number of MOU approved by Sections within R8

Conference Status Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Approved	91	120	130	170	190	214	255	257	234	245
Cancelled			1	1	6	5	2	4	3	3
Declined							1		1	
In Progress									1	1
Grand Total	91	120	131	171	196	219	258	261	239	249

Sections involvement in the TCS/FCS (top 20)

Sponsor Name	Sponsor Financial Co	Technical	Grand Total
Ukraine Section	15		15
Italy Section	10	4	14
Bulgaria Section	1	12	13
Russia (Siberia) Section	12		12
Czechoslovakia Section		12	12
Turkey Section		11	11
Russia Section	5	5	10
Russia (Northwest) Section	8	1	9
Egypt Section		9	9
Algeria Section	1	8	9
United Arab Emirates Section	2	6	8
Spain Section		8	8
Serbia/Montenegro Section	3	5	8
Romania Section	3	5	8
Iraq Section		8	8
Croatia Section	1	7	8
Tunisia Section	6	1	7
Hungary Section	7		7
United Kingdom & Ireland Section	2	4	6
South Africa Section	3	3	6

Virtual Conference education Workshops

In partnership with **IEEE MCE**

Meetings | Conferences | Events

- ▶ **May 20, 2021**
 - for conference coordinators, sections and chapters leaders
 - **95** members from **46** sections
 - **15%** female
- ▶ **July 16, 2021**
 - for conference organizers to help them on planning and executing a high-quality technical program.
 - **211** participants from **56** countries
 - **30%** female
- ▶ **40%** having less than two years of experience with conferences
- ▶ Discussions and experience exchanges with the speakers were very important
- ▶ Attendee satisfaction rating was **4.5** (out of 5.0)

IEEE Proprietary

Quality Management
Smart Expectations
Results
Business
Evaluation
Requirements
Method Complying
All Dimensions
Transparent Organizations
Documenting Strategic
Data-Driven

BEST PRACTICES





Teamwork
PEOPLE COORDINATED EFFORT


Region 8 Conference

Region 8 Conference Leadership Workshop

Habib M. Kammoun
Region 8 Conference Coordinator
15 July 2021




Region 8 - Conference Leadership Virtual Workshop 20210715 15:05:1



Agenda

- Conference Sponsorship
 - Overview on sponsorship types
 - Evaluating Opportunities Sponsorship
 - IEEE Scope
- Managing the Technical Program
 - The Role of the Technical Program Chair
 - Timeline
 - Communication Guidelines
- Peer Review
 - Basic concepts
 - Sizing your team
- Plagiarism Screening
 - Similarity Check



20210715 Region 8 - Conference Organizers Virtual Workshop 20210715 15:05:1









Conference Leadership - Virtual Workshop

Conference Organizers/Section Members

Fred Schindler, IEEE Conferences Committee
Region 8
15 July 2021




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How computer technologies and telecommunication change society and economy

November 10-12, 2021

Online Format – Moscow, Russia

Website: histelcon2021.org

2021 IEEE International Humanitarian Technology Conference (IHTC 2021)

02 - 04 DECEMBER 2021 / VIRTUAL CONFERENCE

➤ Plenary Speakers

- Susan Kathy Land, Antonio Luque, Jason Gu, Alberto Sánchez, Ed Palacio

➤ Thematic Sessions – Appropriate and Ethical Use of Technology in the areas of **Agriculture, Disaster Mitigation, Energy, Education, Healthcare, Supporting Integration of Refugees** and **Water and Sanitation**

➤ Workshops

- Ethical Considerations in Technology Implementation and Artificial Intelligence
- A Comprehensive Approach to Rural Electrification Processes

➤ Website: www.ihtc21.org.uk



IEEE EDUCON 2022

Global Engineering Education Conference

Digital Transformation for Sustainable Engineering Education

28 – 31 March 2022

Online / Hybrid, Tunisia

www.educon-conference.org

Complete paper submission: **December 5, 2021**

Notification of acceptance: **January 15, 2022**

Author Registration deadline: **January 31, 2022**



Tunisia
Section



THE 21st IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE

Organized by the IEEE Italy Section and University of Palermo



IMPORTANT DATES

Deadline for Submission of Special Session Proposals - **17 Dec 2021**

Deadline for Submission of Papers - **22 Jan 2022**

Deadline for Submission of Tutorials - **18 Feb 2022**

WEBSITE AND CONTACTS

www.melecon2022.org



info@melecon2022.org

**May 9-12
2022**



Riga, Latvia
ENERGYCON 2022
IEEE International Energy Conference

TIMELINE

- Paper Submission: **December 20, 2021**
- Notification of acceptance: January 20, 2022
- Author Registration: March 1, 2022
- Conference Dates: May 9-12, 2022

CONTACTS

For further details,
please contact us by email to:
info@ieee-energycon2022.org

IEEE-ENERGYCON2022.ORG



IEEE Proprietary





Call for Proposals

MELECON 2024 ENERGYCON 2024

Timeline

- ▶ Letter of Intent to host the conference: **30 November 2021**
- ▶ Final bid: **15 January 2022**

Contact us! Email: conferences.officer@ieee8.org

Website: conferences.ieeer8.org

Professional and Educational Activities



Member



Nizar Rokbani

University Activities
Works Committee

Committee Chair



Conrad Attard PhD

Member



Arnith Khandakar

Continuing Education
Works Committee

Member (Past-Chair)



Stamatios Dragoumanos

Corresponding Member



Ana Margarida Trigo

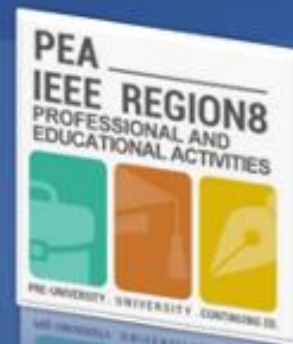
University Activities Works
Committee Mission

Corresponding Member



Weizhi Meng

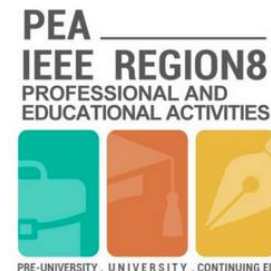
Promotion and Media



IEEE PROPRIETARY

Professional and Educational Activities

- ▶ PEA Speaker Program (Ongoing)
- ▶ R8 Robot Championship – Malta - Ad hoc committee formed
- ▶ TryEngineering month it's happening Now!
- ▶ R8 IEEE Local Language Program Ongoing
- ▶ Digital Marketing - FB and website On going
- ▶ Contributing to Entrepreneurship Week
- ▶ Launch Accelerator program November 2021
- ▶ Judges in IEEE region 8 Entrepreneurship initiative, Semi-Finalists for the IEEE Region8 Pitch Competition 2021
- ▶ STEM Ambassadors program - Well done to all those that have been recognized.



Professional and Educational Activities

- ▶ Education Activities are being organized through the whole Region8.



Action for Industry Committee 2021



[John Matogo](#)
Chair
(Kenya)



[Marios Antoniou](#)
Past Chair
(Cyprus)



[Frédérique Vallee](#)
Member
Industry Ambassador Coordinator
(France)



[Danilo Pau](#)
C. Member
Internship Coordinator
(Italy)

Mission/Objective
Engage industry by creating mutually beneficial programs of credible and sustainable value to IEEE & industry.

Focus Areas:

- Internship
- Mentorship
- Entrepreneurship & Innovation
- Industry Events
- Industry Ambassador Engagement

Contact: afi@ieee8.org



[Maria Efthimiou](#)
C. Member
Communications
(Cyprus)



[Toni Mattila](#)
C. Member
Mentorship Coordinator
(Finland)



[Mohamed El Dallal](#)
C. Member
Entrepreneurship & Innovation Coord.
(Egypt)



[Kithinji Muriungi](#)
C. Member
Industry Events & Initiatives Coord.
(Kenya)





Goals and KPIs for Afl 2021

Goals

1. Afl Website revamp - **ongoing**
2. Greater involvement of the Industry Ambassadors (IAs). – **on Track**
3. Deepen engagement with existing companies/Expand to new companies
4. Streamline Mentorship/Internship program with involvement of SBs - **ongoing**
5. Collaborate more with other groups (Conference Coordination, MD, YPs, SBs, WIE, HuAc) involving industry in program definition and activities - **pending**
6. Organize and participate in events in industry & entrepreneurship events. Involve industry in IEEE & entrepreneurship events (talks, tutorials etc) - **on Track**

KPIs

1. Meetings with IAs: at least 1 per quarter
2. New MoUs with companies: 2 per section per year
3. Website Update: Mentorship/ Internship monthly update with opportunities/testimonies...
4. Meetings with representatives from other groups/participation in their meetings: 1 per quarter
5. Number of industry & entrepreneurship events joined/participated: 2 per year

Industry Ambassador Reports on KPIs as at Sept 2021



	Section	Industry Ambassador	Active Industry Partners	Internships in 2021	New Partnerships in 2021/MoUs
1	Kenya	Lavendar Ndunya	10	1 (in progress)	2 (in progress)
2	Tunisia	Nihel ben Youssef	9	20	7
3	Romania	Sergiu Nedevschi & Marian Vladescu	122	570	10
4	Ghana	Isaac Kweku Boakye	2	12	-
5	Uganda	Vincent Olema	22	38	3
6	Croatia	Dubravko S.	-	-	-
7	Denmark	Sanjeet Dwivedi			
8	Portugal	Joao Carlos Ferreira & Hugo			
9	Cyprus	Maria Efthymiou	8 (1 active)	7 pending	-
10	Greece	George Peppas	2	1	-
11	Poland	Marcin Ziolek	8	-	4 in progress
			183	649	26+1



Standards Coordination Committee

The current team



Tunçer Baykas (Turkey), Chair



David Law (United Kingdom),
Corresponding Member



Vikass Monebhurrin (France),
Corresponding member

- ▶ The IEEE R8 Standards Coordination committee arranges standards speakers to support IEEE R8 Sections and Conferences with high qualified industry professionals and standards dev. experts.
- ▶ The IEEE Standards Education Committee (SEC) offers grants of US \$500 for students (per project) and US \$300 for faculty mentors to help complete a senior, undergraduate or graduate project

Standards Coordination Committee

IEEE AFRICON 2021

13-15 SEPTEMBER | ARUSHA, TANZANIA

*Contributing to the Industrialisation of Africa through Innovations in
Science and Technology*



IEEE Standards for the future of Africa



- ▶ Our major event now on YouTube <https://www.youtube.com/watch?v=HeMFwrSW2o0>
- ▶ Other talks in SIU 2021, IEEE Italy ComSoc, IEEE Turkey WIE
- ▶ 2 IEEE Standards MARS Games organized
- ▶ Members join IEEE TAB COS and IEEE SA TIE SMDC meetings
- ▶ We are going to promote Standards Coordinator position in other regions



Standards Coordination Committee

- ▶ We announced that the TAB CoS is looking for proposals from Societies and Councils (S/C).
- ▶ We are planning to have speakers during CEUSYP and HSYP 2021
- ▶ A special session on IOT standards is planned during COINS 2022
- ▶ We will cooperate with IEEE Greece Section members for IEEE Standards Thessaloniki Summit
- ▶ IEEE Finland Section Standardization Webinar November 24
- ▶ IEEE Tech Talks the Importance of Standards November 30

if we would have more time...

- ▶ Conference leadership virtual workshops, videos to watch
- ▶ Industry Ambassador meetings, video recording, sharing best practices
- ▶ Robot Wars preparation
- ▶ IEEE Africon lessons learned, free sessions
- ▶ RTSI lessons learned,
- ▶ Upcoming conferences (Histelcon, IHTC)
- ▶ National Societies, best practices for cooperation
- ▶ Importance of in-person meetings in motivation

THANK YOU FOR THIS YEAR



