

IEEE Region 8



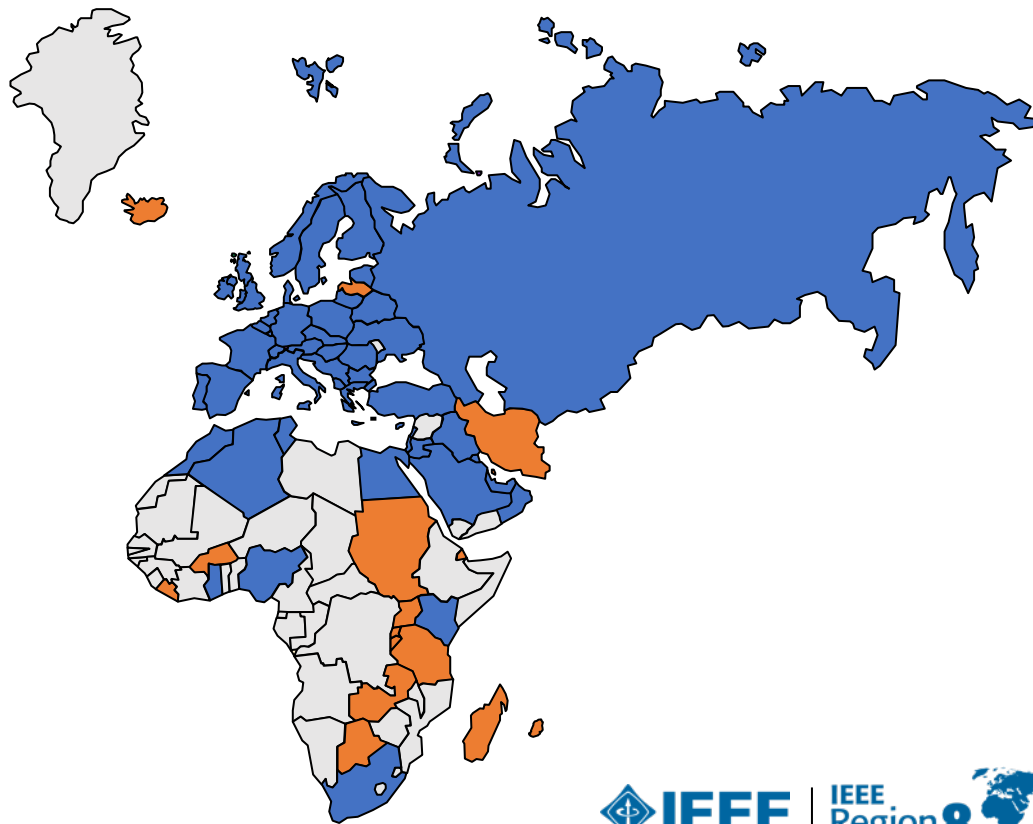
Young Professionals

Current AGs

 54 YP AGs

 IEEE Sections
& Subsections

!!! New AG: Uganda !!!



Membership Statistics

Geographic IEEE Young Professional Membership - May 2021									
Region	Higher Grade w/o GSM			GSM w/o Students			Total		
	2021	2020		2021	2020		2021	2020	
	#	#	%	#	#	%	#	#	%
1	2,073	2,057	0.8%	1,264	1,383	-8.6%	3,337	3,440	-3.0%
2	1,806	1,728	4.5%	1,155	1,225	-5.7%	2,961	2,953	0.3%
3	1,962	1,899	3.3%	1,743	1,798	-3.1%	3,705	3,697	0.2%
4	1,559	1,603	-2.7%	1,224	1,278	-4.2%	2,783	2,881	-3.4%
5	1,954	1,998	-2.2%	1,296	1,347	-3.8%	3,250	3,345	-2.8%
6	4,170	4,309	-3.2%	1,920	2,195	-12.5%	6,090	6,504	-6.4%
R 1-6	13,524	13,594	-0.5%	8,602	9,226	-6.8%	22,126	22,820	-3.0%
7	1,668	1,697	-1.7%	1,681	1,733	-3.0%	3,349	3,430	-2.4%
8	8,776	8,525	2.9%	9,148	8,951	2.2%	17,924	17,476	2.6%
9	1,692	1,588	6.5%	1,216	1,156	5.2%	2,908	2,744	6.0%
10	13,971	12,432	12.4%	18,389	14,801	24.2%	32,360	27,233	18.8%
R 7-10	26,107	24,242	7.7%	30,434	26,641	14.2%	56,541	50,883	11.1%
TOTAL	39,631	37,836	4.7%	39,036	35,867	8.8%	78,667	73,703	6.7%

2021 Events (Data pulled on April 30, 2021)

358 YP events have been submitted on vTools

Breakdown of events scheduled by Region:

R1: 7

R2: 2

R3: 7

R4: 14

R5: 12

R6: 25

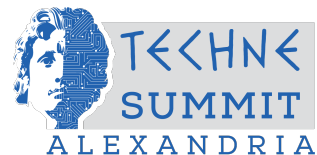
R7: 60

R8: 115

R9: 39

R10: 77

Entrepreneurship Initiative – Plan for 2021



Entrepreneurship Week 2021

- 46 ambassador applications
- 21 countries
- Pipeline for IEEE Pitch 2022

Entrepreneurship Week 2021

- Online event on Aug 28
- 5 startups from Lebanon, Jordan, Tunisia and Nigeria
- Panel discussion with CEO of Propeller Accelerator, Ex-CEO of Innoventure VC Fund and CEO of MyClinic Startup

TECHNE Summit 2021

- 13000+ participants, 70+ countries, 600+ startups, 180 investors
- 50% capacity due to COVID
- IEEE R8 Booth at expo area with winning startups from IEEE Pitch

Connecting Experts



April 2021

- 18:00 UTC
April 8

Technical

Unleashing the full potential of tethered networked flying platforms
Prof. Mobamed-Slim Alouini, King Abdullah University of Science and Technology
- 17:00 UTC
April 12

Technical

From engineering electromagnetics to electromagnetics engineering: teaching/training next generations
Prof. Levent Sevgi, Okan University
- 17:00 UTC
April 17

Technical

EEG Based Affective Computing Systems in Healthcare
Prof. M. Murugappan, Faculty at Kuwait college of Science and Technology
- 16:00 UTC
April 23

Technical

Energy-efficient data communications with reduced overhead in IoT networks in post COVID-19 era
Ömer Melih Gül, IEEE Computer Society Region 8 Coordinator
- 19:00 UTC
April 30

Technical

Microgrids - The transformation of the electricity grid
Mohamed Seif, Electrical Engineer at the Egyptian Electricity Transmission Co.



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May 2021

- 10:00 UTC
May 12

Technical

Role of Power Electronics in Energy Transition
Prof. Andrii Chub, Tallinn University of Technology
- 10:00 UTC
May 17

Technical

Sustainable bio-based composite material from mushroom mycelium and natural fibers
Prof. Lilia Sabantina, Bielefeld University of Applied Sciences
- 12:00 UTC
May 20

Technical

Context-aware access control - computer security beyond computers
Prof. Christian D. Jensen, Technical University of Denmark
- 17:00 UTC
May 26

Technical

Artificial intelligence based protection of microgrids
Tarik Hubana, Expert Associate at Elektroprivreda BiH Sarajevo
- 18:00 UTC
May 31

Entrepreneurial

Is entrepreneurship for everyone? How to start?
Mofiamad El Dallal, Co-founder & CEO at Innovideas



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Connecting Experts



June 2021

- 17:00 UTC
June 7 **Technical**

Key research trends shaping the future of artificial intelligence
Kaoutar El Maghraoui, PhD, IBM T.J. Watson Research Center, USA
- 20:00 UTC
June 11 **Professional**

Working as a Software Engineer at Amazon
Fatih Kurt, Amazon, Poland
- 14:00 UTC
June 18 **Technical**

Automated fault detection in HVAC systems with machine learning and rule-based methods
Ahmet Köse, PhD, Co-Founder and CIO at R8tech, Estonia



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September 2021

- 14:00 UTC
September 4 **Entrepreneurial**

Boost your entrepreneurship spirit - with IBM's Melissa Sassi
Melissa Sassi, PhD, Chair of IEEE's Digital Intelligence Working
- 11:00 UTC
September 7 **Technical**

Towards Engineering High-quality and Secure Mobile Apps for Social Goods
Li Li, PhD, Professor at Monash University, Australia
- 16:00 UTC
December 8 **Technical**

Connecting Academic Research to Product Innovation - a few case studies and a way forward
Ramgopal Rao, PhD, Professor and Director, Indian Institute of Technology (IIT) Delhi
- 17:00 UTC
September 9 **Technical**

Evolving Critical Systems
Mike Hinchey, PhD, Professor at Lero, the Science Foundation Ireland Centre for Software, University of Limerick, Ireland



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October 2021

- 10:00 UTC
October 14 **Professional**

Scientific Publication Process and Starting Career as a Researcher
Mubashir Rehmani PhD, Assistant Lecturer, Department of Computer Science, Munster Technological University (MTU), Ireland
- 13:00 UTC
October 26 **Technical**

Smart, Precision and Predictive Agriculture
Vinko Lesic PhD, Assistant Professor, University of Zagreb, Croatia
- 17:00 UTC
October 31 **Technical**

Model predictive control in power electronics
Naki Guler PhD, Lecturer, Gazi University, Turkey



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