



Baze University, Abuja

IEEE**ASYPG****23**

Africa Student and Young Professional Congress 2023

**PROGRAMME**



ABOUT AFRICAN STUDENT AND YOUNG PROFESSIONAL CONGRESS (ASYPC)

IEEE Region 8 cross sectional Student and Young Professional Congresses are events that take place at every odd years, in Region 8. They gather both student and young professional members from all IEEE neighboring sections in the Region and provide opportunities to socialize and interact to develop soft skills, enhance knowledge of technology, discuss the common organizational challenges and prepare participants for new roles. This edition aims to gather more than one hundred participants in a wide variety of workshops and lectures.

In 2014, the Student Branch Congress was renamed to Student & Young Professional Congress and many versions of congresses have taken place thereafter. The categorization of the cross sectionals are as follows:

- African Student and Young Professionals Congress (ASYPC)
- Central European Student & Young Professional Congress (CEuSYP)
- Hellenic Student & Young Professional Congress (HSYP)
- West European Student & Young Professional Congress (WESYP)
- Nordic Student & Young Professional Congress (NSYP)
- Middle East Student & Young Professional (MESYP)
- North African Student and Young Professional Congress (NASYP)



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WELCOME MESSAGE FROM YOUNG PROFESSIONALS AG CHAIR



MISTURA MUIBI-TIJANI

ASYPC 2023 Chair

On behalf of the IEEE Region8 Africa Student and Young Professional Congress committee, IEEE Nigeria section, and Baze University, I welcome you to the 4th African Student and Young Professional Congress. Expect an engaging and informative gathering of bright young minds, engineers, policymakers, tech leaders, and scientists through various keynotes, workshops, panel discussions, and networking opportunities. I encourage us to maximize this opportunity to network and proffer solutions for Africa's prosperity and the world at large. Honourable ladies and gentlemen, thank you for honouring our invitation.



MESSAGE FROM THE IEEE NIGERIA SECTION CHAIR

All protocols duly observed.

My name is Engr. John Funso-Adebayo FNSE SMIEEE, chair IEEE Nigeria Section and I have been directed to humbly welcome you to an inestimable event, a surprise package and eventful sessions which you have voluntarily sponsored and now attending.

Just a little bit of information, we were here, same ground, 6years ago. Nothing has changed much than the fact that the essentials of science vs nature occurred, and this changed the whole world. We now have new standards and sustained ways of lifestyle. The IEEE, my long term partner of progress deemed it fit to be at the forefront of Advancing Technologies for Humanity.

We are all not where we are actually meant to be (sadly). But Together Each of us will Achieve More (TEAM). And that's the spirit guiding us as we volunteer all the way.

This time is for ASYPC 23 and we are much grateful it's starting now.

Without mincing words and with much accolades to our host, the Baze university of Nigeria, all sponsors and participants here today.

On behalf of the IEEE Nigeria Section Executive Members and distinguished registered members.

I welcome you to this epoch event and I wish you well. Let's have exciting time while savouring the bliss of the IEEE Nigeria Section ASYPC 23.

It's a moment of a lifetime.

Xiexie!

MESSAGE FROM THE LOC CHAIR

Esteemed Delegates,

We extend a warm welcome to Abuja, Nigeria for the Africa Students and Young Professionals Congress, 2023. It is with immense pleasure that we inform you that Abuja is once again hosting the ASYPC after six years since its inaugural edition in 2017. We express gratitude to the Almighty for granting us the privilege to witness this remarkable event once more.

The significance of this 4th Edition lies in the presence of both the IEEE Region 8 Director and the Director-Elect amongst us. The meticulous planning and deliberation that went into organizing this congress have culminated in a splendid event that we are all witnessing today.

Dedicated IEEE Volunteers have devoted countless hours to ensure that delegates have an unforgettable congress experience. We take pride in their exceptional commitment and are honored to be associated with them. We would also like to express our special appreciation to Baze University for their support, as well as the leadership of IEEE Region 8, IEEE Africa Council, and Humanitarian Activities Board, among others.

For those visiting Abuja for the first time, we have prepared a detailed travel advisory to enhance your stay and make it memorable. Additionally, an array of exciting social activities has been arranged, providing you with an enriching experience of our local people and culture.

We sincerely hope that you thoroughly enjoy your time in Abuja. Have an exceptional stay!



John Funso-Adebayo
Chair, IEEE Nigeria Section



ABDULLATEEF ALIYU
Chair, Local Organizing Committee



ABOUT IEEE & NIGERIA SECTION

The Institute of Electrical and Electronics Engineers, Inc. (IEEE) was founded in 1884 with Alexander Graham Bell and Thomas Edison among its charter members. Today, the IEEE serves over 430,000 members who are geographically organized into 10 Regions, over 300 Sections, and more than 1,100 Student Branches worldwide. A Student Branch further falls under the auspices of the local Section. Nearly 60,000 Student members worldwide make up 13% of the membership of the IEEE and are essential to the continued growth and vitality of the IEEE. Over 50% of the current IEEE members joined as students. Not only is the IEEE the world's largest technical and professional society, it also publishes 30% of the electrical engineering and computer science literature in the world.

IEEE came to Nigeria around 1976 with the help of some patriotic professionals, but went moribund by the end of the 80s. The Nigeria Section was reactivated at a meeting held on 29th May 2000 at the Nigeria Society of Engineers Auditorium, Victoria Island, Lagos which was attended by more than sixty (60) members, and convened through concerted efforts of some volunteers including Messrs Eric Femi, Sunday Faturoti, Olumuyiwa Taiwo and Isaac Adekanye. The section has been waxing stronger ever since.

Today IEEE Nigeria section has over 1000 active members ranging from seasoned professionals to undergraduate students. The section has several chapters and affinity groups that include the power and energy society (PES), Communication Society (ComSoc), Computer Society, women in engineering (WIE), Young Professionals (YP), Consultant Networks, Special Interest Group on Humanitarian Technology (SIGHT) and Robotics and Automation Society (RAS).

IEEE NIGERIA SECTION EXCO



John Funso-Adebayo
Chair



Raphael Onorshakpor
Immediate Past Chair



Ifeyinwa Achumba
Vice Chair



Abdullateef Aliyu
Secretary



Wale Emmanuel Alonge
Treasurer



Mistura Muibi-Tijani
Chair, YP/ Publicity Secretary



Dr. Godwin Ozor
SAC Chair



Reginald Ogu
Webmaster



Chigozie Enemoh
Ass. Publicity Sec



Dr. Rislana Abdulazeez Kanya
Ass. Secretary



Nasir Faruk
Chair, ComSoc



Longe Olumide Babatope
Chair, Computer Soc.



Muhammed Buhari
Chair, PES



Patience Enahoro
Chair, WIE



Kennedy Chinedu Okafor
Chair Consultant Network



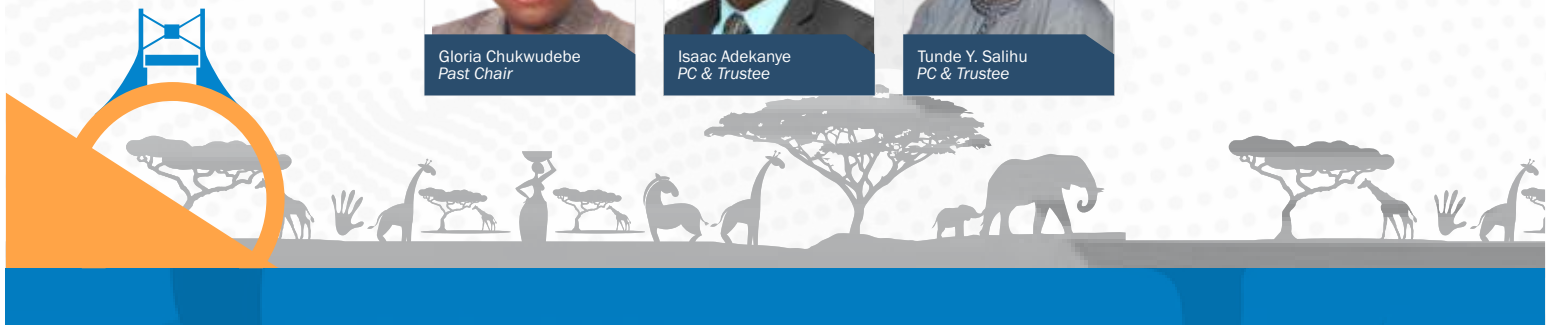
Gloria Chukwudebe
Past Chair



Isaac Adekanye
PC & Trustee



Tunde Y. Salihu
PC & Trustee



ASYP 2023 CONGRESS TEAM



Mistura Muibi-Tijani
General Chair



Dr. Godwin Ozor
Co-chair



Dr. Umar Adam
Secretary



Engr. John Oto-obong
Welfare



Aisha Saeed Bello
Event Cordinator



Engr. Sally Musonye
Sponsorship



Engr. Tolulope Erinosh
Financials



Dr. Reginald Ogu
Website



Olufemi Balogun
Media & Publicity

LOCAL ORGANIZING COMMITTEE



Abdullateef Aliyu
Chair, LOC



Dr. Rislana Abdulazeez Kanya
Member



Dr. Najashi Gafai
Member



Dr. Munir Aminu Husein
Member



Asmau Mukhtar Abubakar
Member



Yakubu Bello
Member



Ismail Aliyu Muhammad
Member



Aisha Saeed Bello
Member



OUR SPEAKERS



Thomas Coughlin
IEEE President Elect



Vincenzo Piuri
IEEE Region 8 Director



Tasiu Saad Gidari -Wudil
(Chair, Nigeria Society of Engineers)



John Funso-Adebayo
Chair, IEEE Nigeria Section



Mike Hinchey
IEEE R8 Director Elect



Abdullateef Aliyu
Chair, IEEE Region 8 SAC



Kashifu Inuwa Abdullahi
Director General NITDA



Sampathkumar Veeraraghavan
(Chair, 2022 IEEE Humanitarian Activities Committee)



Gloria Chukwudebe
Past Chair, IEEE Africa Council



Isaac Adekanye
Chair Elect, IEEE Africa Council



Dr. Rislana Abdulazeez Kanya
DVC IT, Research and Innovation
Baze University



Kelly McKenna
Snr. Program Manager- REACH



Nneoma Ofodile
IEEE Continuum ED Coordinator
West Africa



Patience Obehi Enahoro
Chair, WIE, IEEE Nigeria Section



Neemat Abdelrahim Abdelrahman
Member R8 HUAC



Engr. Sally Musonye
Member R8 WIE



PROGRAMME

Thursday 27th July, 2023					
Start Time (GMT+1)	Description	Names	Designation	Session Type	Venue
8:00 AM	Open Registration			Registration	Foyer
10:00 AM	Arrival of delegate, Dignitaries, Minister, invited Guest	All		Opening Ceremony	Auditorium
10:10 AM	The Nigeria Anthem/Pledge	MC		Opening Ceremony	Auditorium
10:15 AM	Welcome to Nigeria	Tunde Salihu & Prof. Gloria	BOT IEEE Nigeria	Plenary	Auditorium
10:20 AM	Introduction- ASYP Congress 2023	Mistura Muibi-Tijani	Chair ASYPC23	Plenary	Auditorium
10:25 AM	Opening of ASYPC 2023	Tasiu Saad Wudil	NSE President	Plenary	Auditorium
10:35 AM	Cultural Performance	Abuja Culture Team		Performance	Auditorium
10:45 AM	Welcome to our University	Dr. Rislan A. Kanya	DVC IT, Research & Innovation	Plenary	Auditorium
10:55 AM	Introduction of IEEE R8	Vincenzo Piuri	IEEE Region8 Director	Presentation	Auditorium
11:05 AM	IEEE Activities in Africa	Isaac Adekanye	Chair-Elect Africa Council	Plenary	Auditorium
11:25 AM	IEEE Activities in Nigeria	John Funso Adebayo	Chair IEEE Nigeria	Plenary	Auditorium
11:30 AM	Introduction of IEEE R8 SAC	Abdullateef Aliyu	Chair R8 SAC	Presentation	Auditorium
11:40 AM	Introduction of IEEE R8	Vincenzo Piuri	IEEE Region8 Director	Presentation	Auditorium
11:40 AM	Photograph			Social	Auditorium
11:45 AM	Coffee Break			Break	Auditorium
12:00 PM	Artificial Intelligence in Cloud/Fog/Edge Computing and Internet-of-Things	Vincenzo Piuri	IEEE Region8 Director	Keynote	Auditorium
12:30 PM	Harnessing the Power of Technology and Digital Innovation in Africa Entrepreneurship - Role of NITDA	Inuwa Kashifu Abdullahi	NITDA DG	Keynote	Auditorium
13:00:00 PM	Is There Anything that Isn't Software?	Mike Hinchey	IEEE Region 8 Director Elect	Keynote	Auditorium
13:30 PM	Lunch			Break	
15:00:00 PM	IEEE, A Home for Professionals	Thomas Coughlin	IEEE President Elect	Plenary	Auditorium
15:30:00 PM	IEEE Educational and Professional Activities in Africa	Nneoma & Mistura	PEAC Region 8	Workshop	Auditorium
4:30 PM	Tour of Baze University Hospital Facilities			Social Session	Baze Hospital
6:00 PM	Hotel Droff-Off			Social Session	
Friday 28th July, 2023					
Start Time (GMT+1)	Description	Names		Session Type	Venue
8:00 AM	Open Registration			Registration	Foyer Auditorium B
8:45 AM	Bus departure of Hotel				
9:30 AM	Humanitarian Technology Activities in Region 8	Region 8 HAC	HAC Committee	Plenary	Auditorium B
10:10 AM	Student Success and Support	Abdullateef Aliyu	Chair R8 SAC	Plenary	Auditorium B
10:30 AM	Action for Industry	Patience Enahoro	AFI Ambassador	Plenary	Auditorium B
11:30 AM	Break				



PROGRAMME

12:00 PM	HKN	Sampathkumar Veeraraghavan	President HKN	Planery	Auditorium B
12:30 AM	IEEE REACH Outreach	Kelly McKenna	Snr. Program Manager-REACH	Plenary	Auditorium B
12:50 PM	SB & YP Poster Session	Student Branch Chairs	SB Chair and YP Chairs	Poster Session	Convocation Foyer
1:30 PM	Lunch Break			Break	
2:30 PM	City Tour				
7:00 - 9:00PM	Dinner			Social	
Saturday 29th July, 2023					
Start Time (GMT+1)	Description	Names	OU	Session Type	Venue
8:00 AM	Arrival			Registration	Foyer
9:00 AM	Government and Organizations in Africa accelerating the development of Female Leaders in STEAM Careers	Salamatu, Patience, Sally, Neemah and Tolulope.	WIE Region 8	Panel	Auditorium B
10:00 AM	Projectize your Student branch project	Abdullateef Aliyu	Region 8 SAC	Workshop	Auditorium B
11:00 AM	Tea Break			Break	
11:30 AM	Coordinating Your YP AG	Region 8 YP		Workshop	Auditorium B
1:00 PM	Lunch				
2:00 - 3:30PM	CLOSING CEREMONY-AWARD			Ceremony	

LOGISTICS

Thursday 27th July, 2023			
Time	Activities	Departute Point	Destination
8:30 AM	Ground Transport to Baze University	Nera Hotel JAbi	Baze University
6:00 PM	Ground Transport to Nera Hotel Jabi	Baze University	Nera Hotel Jabi
Friday 28th July, 2023			
Start Time (GMT+1)	Description	Names	
8:30 AM	Ground Transport to Baze University	Nera Hotel JAbi	Baze University
2:30 PM	City Tour Abuja	Baze University	Central Area
6:00 PM	Ground Transport to Nera Hotel Jabi	Central Area	Nera Hotel Jabi
7:30 PM	Ground Transport to Ceddi Plaza	Nera Hotel Abuja	Ceddi Plaza
9:30 PM	Ground Transport to Nera Hotel Abuja	Ceddi Plaza	Nera Hotel Jabi
Saturday 29th July, 2023			
Start Time (GMT+1)	Description	Names	
8:30 AM	Ground Transport to Baze University	Nera Hotel JAbi	Baze University
4:00 PM	Ground Transport to Nera Hotel Jabi	Baze University	Nera Hotel Jabi



KEYNOTE

A Home For Professionals

Tom Coughlin

Abstract

With modern technical careers spanning multiple employers and involving many changes in the work being done, modern technology professionals need a place where they can get the career support that they need and develop strong connections that can help with their careers. IEEE can be your professional home and provide you with valuable resources to keep up to date in your field, learn new information and skills, publicize your expertise, connect with others in your field, find career opportunities, protect your livelihood and satisfy your need to give back and contribute to those in need

Biography of IEEE President-Elect Thomas Coughlin

Tom Coughlin, President, Coughlin Associates is a digital storage analyst and business and technology consultant. He has over 40 years in the data storage industry with engineering and senior management positions at several companies. Coughlin Associates consults, publishes books and market and technology reports (including The Media and Entertainment Storage Report and an Emerging Memory Report), and puts on digital storage-oriented events. He is a regular storage and memory contributor for forbes.com and M&E organization websites. He is an IEEE Fellow, member of HKN, President Elect of the IEEE, Past-President of IEEE-USA, Past Director of IEEE Region 6 and Past Chair of the Santa Clara Valley IEEE Section, past chair of the Consultants Network of Silicon Valley and is also active with SNIA and SMPTE. For more information on Tom Coughlin and his publications and activities go to www.tomcoughlin.com.



Artificial Intelligence in Cloud/Fog/Edge Computing and Internet-of- Things”

Vincenzo Piuri

Abstract

Recent years have seen a growing interest among users in the migration of their applications to the Cloud/Fog/Edge computing and Internet-of-Things environments.

However, due to high complexity, Cloud/Fog/Edge-based and Internet-of-Things infrastructures need advanced components for supporting applications and advanced management techniques for increasing the efficiency.

Adaptivity and autonomous learning abilities become extremely useful to support configuration and dynamic adaptation of these infrastructures to the changing needs of the users as well as to create adaptable applications. This self-adaptation ability is increasingly essential especially for non-expert managers as well as for application designers and developers with limited competences in tools for achieving this ability.

Artificial intelligence is a set of techniques which greatly can improve both the creation of applications and the management of these infrastructures.

This talk will discuss the use of artificial intelligence in supporting the creation of



applications in cloud/fog/edge and IoT infrastructures as well as their use in the various aspects of infrastructure management.

Biography of Prof. Vincezo Piuri IEEE Region8 Director

Vincenzo Piuri has received his Ph.D. in computer engineering at Polytechnic of Milan, Italy (1989). He is Full Professor in computer engineering at the University of Milan, Italy (since 2000). He has been Associate Professor at Polytechnic of Milan, Italy and Visiting Professor at the University of Texas at Austin, USA, and visiting researcher at George Mason University, USA. His main research interests are: artificial intelligence, computational intelligence, intelligent systems, machine learning, pattern analysis and recognition, signal and image processing, biometrics, intelligent measurement systems, industrial applications, digital processing architectures, fault tolerance, cloud computing infrastructures, and internet-of-things. Original results have been published in 400+ papers in international journals, proceedings of international conferences, books, and book chapters.

He is Fellow of the IEEE, Distinguished Scientist of ACM, and Senior Member of INNS. He is IEEE Region 8 Director (2023-24), and has been IEEE Vice President for Technical Activities (2015), IEEE Director, President of the IEEE Systems Council, President of the IEEE Computational Intelligence Society, Vice President for Education of the IEEE Biometrics Council, Vice President for Publications of the IEEE Instrumentation and Measurement Society and the IEEE Systems Council, and Vice President for Membership of the IEEE Computational Intelligence Society. He has been Editor-in-Chief of the IEEE Systems Journal (2013-19). He is Associate Editor of the IEEE Transactions on Cloud Computing and has been Associate Editor of the IEEE Transactions on Computers, the IEEE Transactions on Neural Networks, the IEEE Transactions on Instrumentation and Measurement, and IEEE Access. He received the IEEE Instrumentation and Measurement Society Technical Award (2002), the IEEE TAB Hall of Honor (2019), and the Rudolf Kalman Professor Title of the Obuda University, Hungary. He is Honorary Professor at: Obuda University, Hungary; Guangdong University of Petrochemical Technology, China; Northeastern University, China; Muroran Institute of Technology, Japan; Amity University, India; Galgotias University, India; Chandigarh University, India; and BIHER, India.

Is There Anything that Isn't Software?

Prof. Mike Hinchey

Abstract

In this rapidly changing world, evolving technologies such as Artificial Intelligence, Robotics, Machine Learning, Cloud Computing, Big Data, the Internet of Things, and Mobile Computing are combining to disrupt traditional models and radically change how we live, work, and interact. More importantly, these technologies change the way we live and do business: the world's largest bookstore is a Cloud Computing provider, and the largest fleet of cars in the world is operated by an app provider. Areas such as healthcare have been transformed dramatically, with better analysis, imaging, detection, diagnosis, treatment, robot-assisted surgery, and even significant advances in sharing health records. We eagerly await the day when cars, buses, trucks, and railways are self-driven, and Industry 4.0 is already upon us, and of course we claim the use of AI in just about everything. All of these advances are entirely dependent on software. We ask the question: is there anything that isn't software?



Biography of Prof. Mike Hinchey - IEEE R8 Director-Elect

Professor Mike Hinchey is Professor of Software Engineering at University of Limerick, Ireland, where he was previously Head of Department of Computer Science and Information Systems and Director of Lero-the Science Foundation Ireland Research Centre for Software, a national research centre headquartered at University of Limerick. He is Past President of IFIP, the International Federation for Information Processing (www.ifip.org) and Past Chair of



the IEEE UK & Ireland Section. He is Director-elect of IEEE Region 8 (Europe, Middle East, Africa) and serves on IEEE Computer Society Board of Governors. Prior to joining University of Limerick, Professor Hinchey was the Director of the NASA Software Engineering Laboratory. In 2009, he was awarded NASA's Kerley Award as Innovator of the Year and is one of only 36 people recognized in the NASA Inventors Hall of Fame. Professor Hinchey holds a B.Sc. in Computer Systems from University of Limerick, an M.Sc. in Computation (Mathematics) from University of Oxford and a PhD in Computer Science from University of Cambridge. Professor Hinchey is a Chartered Engineer, Chartered Engineering Professional, Chartered Mathematician and Chartered Information Technology Professional, as well as a Fellow of the IET, British Computer Society, Engineers Ireland, and Irish Computer Society, of which he is also Past President. He is Editor-in-Chief of Innovations in Systems and Software Engineering: a NASA Journal and Journal of the Brazilian Computer Society. In 2018, he became an Honorary Fellow of the Computer Society of India and was the SEARCC Global ICT Professional of the Year 2018. He is a candidate for IEEE Computer Society President-elect (please see mikehinchey.info).

Student Success and Support

Abdulateef Aliyu

Abstract

Student success is a critical focus within the IEEE community, particularly for student members who are pursuing their academic and professional goals. This session delves into the topic of student successes and the specialized support available to IEEE student members. It highlights the importance of academic resources, mentorship programs, and networking opportunities provided by IEEE to enhance student learning, research, and career development. It explores the role of IEEE student branches, conferences, and competitions in fostering collaboration and knowledge exchange among student members. Furthermore, it discusses the impact of IEEE's technological advancements and emerging trends on empowering student members and preparing them for future challenges in their respective fields. By prioritizing student success and providing tailored support, IEEE ensures that its student members are equipped with the necessary skills and resources to excel in their academic pursuits and professional endeavors.



Biography of Engr. Abdulateef Aliyu- IEEE R8 SAC

Abdulateef is the General Manager of projects at Phase 3 Telecom. He is a Senior Vice President at IEEE Smart Village and chairs the IEEE Region 8 Students Activities Committee. With a strong educational background and extensive experience, he has led notable projects and received awards for leadership and innovation within IEEE and the telecommunications industry.

He joined Phase 3 Telecom in 2013 from Suburban West Africa as Senior Manager of Infrastructure roll-out contributing to the expansion of Phase 3 Telecom's optical aerial and underground infrastructure now spanning over 6000km. He led the deployment of numerous high-profile projects in Nigeria and across Sub-Sahara Africa for Mobile Network Operators (MNO) and led the implementation of Phase 3 telecom's 100G transmission network backbone nationwide in 2020-2022.



Action for Industry

Patience Obehi Enahoro

Abstract

This session would elaborate on the Mission and Objectives of IEEE Action for Industry (Afi) in R8 and Nigeria. The Key objective of Afi is to move IEEE closer to industry by creating platforms for delivering credible and sustainable value to industry. The session will outline the platforms and opportunities that exist for mutually beneficial organisational engagement with IEEE and the great value they present. It would also provide guidance to help participants kick-start the process of formalising corporate collaborations and partnerships with IEEE, the largest technical organisation in the world using technology for the benefit of humanity.



Biography of Patience Obehi Enahoro - IEEE WIE Nigeria Chair

Ms Patience Obehi Enahoro is an engineering, business management and sustainability professional. She has over twenty years of experience with ExxonMobil in Nigeria. Her experience spans the areas of Industrial electrical systems, Automation and Control, Turbomachinery, Contractor services, Staffing, Organisational Development, Safety, Health and Environment as well as Operations Integrity Management System.

She is the founder of Patience Enahoro Believe Foundation and an internationally recognised public speaker. She is the Chair, IEEE Women in Engineering, Vice Chair IEE PES and Action for Industry Ambassador for IEEE Nigeria.

IEEE REACH, Free Secondary Educator Resources and a STEM Education Pathway for Students

Kelly McKenna

This presentation will highlight the IEEE REACH program, a free, open education resource program for secondary educators. The program explores the social relevance of technology by focusing on the history of specific technologies and the complex relationship it has with society, culture, politics, and economics. It does this all through the lens of History! Research has shown that when students understand the social relevance of science, they are in turn more likely to expect to major in STEM, and when awareness of the social relevance of Science increases, the probability of girls expecting to major in STEM increases substantially. The REACH resources are prepared in a global perspective that can be used as presented or adapted for local circumstances and provides educators with a new STEM education pathway for their students.



In addition, IEEE REACH has built a partnership with UNESCO under the IEEE/UNESCO Memorandum of Understanding for capacity building in Africa. Insight about these efforts will also be shared. The United Nations' Office of the Special Adviser on Africa (OSAA) advocates for increased levels of knowledge and STEM related skills among African youth, as a means to spur development in Africa. 1 This suggests a need for innovative STEM education pathways in Africa at the secondary education level. A challenge associated with this, is the need for curricula for teachers, especially curricula that addresses the gender gap associated with engaging girls in STEM. IEEE REACH addresses this challenge



SUPPORTERS

Baze University



Baze University is a distinctive quality-based educational institution making a difference in the Nation's history through the positive impact of its service and graduates output.

The main Campus is 6km from Abuja Central Area, on Jabi Airport Road Bypass Ring Road. Academic activities commenced in the Academic and Administrative building, the Social Area and the Sports Complex. Baze has another site at Bwari for further development. Abuja is in the centre of Nigeria, and has excellent air and road links. Baze began in April 2011 with a Foundation class and three Faculties: Management & Social Sciences | Law | Computing & Applied Sciences. Currently BAZE University has 10 Faculties which includes Computer Science and Information Technology, Engineering, Environmental Sciences, General Studies, Law, Management and Social Sciences, Medical and Health Sciences, Natural and Applied Sciences, Postgraduate School, and School of Medicine. There are several specialities within these Faculties

<https://www.bazeuniversity.edu.ng>

IEEE Africa Council



IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE, pronounced "Eye-triple-E," stands for the Institute of Electrical and Electronics Engineers. The association is chartered under this name and it is the full legal name. To learn more about the association's name, for more information please read the History of IEEE.

ieee.org/africa-council/

IEEE YOUNG PROFESSIONALS



IEEE Young Professionals is the group of IEEE members and volunteers who have graduated from their first professional degree within the past 15 years. It is an international community, whose members are interested in elevating their professional image, expanding their global network, connecting with peers locally and giving back to their community. Since it encompasses all members from recent university graduates to experienced professionals and entrepreneurs, the group is highly diverse in what it has to offer. To join the IEEE Young Professionals community, you need to be an IEEE member - Join now.

The IEEE (Institute of Electrical and Electronics Engineers) is a professional organization, which provides the latest technical knowledge for its members through conferences, journals, workshops, and continued education, for the advancement of technology for humanity. With more than 400,000 members in more than 160 countries, IEEE is the world's largest technical professional society.

<https://yp.ieee.org>



SUPPORTERS

Baze University

IEEE Humanitarian Technologies Board

IEEE R8 SAC



IEEE
R8 SAC

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The IEEE Humanitarian Technologies Board (HTB) inspires and empowers IEEE volunteers around the world carrying out and supporting impactful humanitarian technology activities at the local level.

The IEEE HTB mission is to support impactful and ethically informed volunteer-led initiatives, programs and projects, and mutually beneficial partnerships, as well as to inform policy formulation that harness technology and innovation to address societal challenges (including disaster recovery) in a responsive, effective, and sustainable way.

<https://htb.ieee.org>

IEEE Region 8 SAC team was renewed for the 2023-24 term. Led by Abdullateef Aliyu, the Region 8 Vice-Chair of Student Activities for 2023-24, a cross-sectional, diverse, and talented team was brought-together to kick-start the Region 8 student activities. This year, however, the R8 SAC team brings forward a brand new structure along with new initiatives. The main team constitutes of 7 members, where three of these are Chairs for their respective Adhoc Committees. The new three Adhoc committees are as follows: "Contest, Awards & Recognition", "Training and Leadership Support" and "New Initiatives". Together, the team is working to support and develop all aspects of R8 Student

<https://ieeer8.org/student-activities/sa-committee/sac/>

Nile University of Nigeria is a private multidisciplinary university established in 2009 and located in Abuja, Nigeria. It is a member of the Honoris United Universities Network and accredited by the National Universities Commission.

Nile University consists of six faculties united by a commitment to providing education of the highest quality.

At Nile University, every faculty is led by reputable academics dedicated to driving innovation in research and learning.

visit: www.nileuniversity.edu.ng





IEEE
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**Africa Student and
Young Professional
Congress 2023**



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