Section Name: Nigeria Section

Reporting Officer Name: Abdullateef Aliyu

Section Vitality

The Newly elected officer’s swearing-in ceremony took place during NIGERCON 2022, IEEE Nigeria Section 4th International Conference on Disruptive Technologies for Sustainable Development in May 2022.

Office transition was carried out between the outgoing officers and the newly sworn-in executives.
Newly formed Chapter/Student branch/Student branch Chapters in Nigeria Section:

1. Robotics & Automation Society
2. Skyline University Kano - SB
3. Enugu State Polytechnic Iwollo - SB
4. Enugu State University of Sci & Tech, Robotics and Automation Society Student Chapter.
5. Enugu State University of Sci & Tech, Power Electronics Society Student Chapter
6. Enugu State University of Sci & Tech, Power and Energy Society Student Chapter
7. Enugu State University of Sci & Tech, Electronics Packaging Society Student Chapter
8. Institute of Management and Technology, Power Electronics Society student chapter

Students
The list of Active Student Branches in the Nigeria Section are shown below:

University of Lagos
University of Ibadan
Nnamdi Azikiwe University Awka
Afe Babalola University
Institute of Management Technology
University of Port Harcourt
Nile Turkish University
Ahmadu Bello University
Skyline University Kano
Obafemi Awolowo University
Federal University of technology owerri.
Elizade University
Enugu state University of technology
Rivers State University
Niger Delta University
Federal University of Technology Minna
University Of Nigeria Nsukka

Section Activities till date

1. Nigeria’s Industry Solar Space: Scalability, Cost and Benefits (19th April, 2022)
2. Scientific Thinking for Rapid Career Growth- Egypt Experience (23rd April, 2022)
3. Strategies beyond the grid to Achieve a Sustainable Energy future (29th April, 2022)
4. 35 NIGERCON Planning Session
5. Powering Cities wirelessly (30th April, 2022)
6. NIGERCON 2022 (17th -19th May, 2022)
7. Student and Young Professionals mentor Panel and Networking (Thursday 19th May 2022)
8. Communications Technology Careers and Membership Drive for Students and graduates (23rd Jun 2022)
9. Exhibition at 10th Digital Africa Conference (30 June 2022)
10. Webinar on Intelligent Reflecting Surface-assisted UAV communication Systems (26th July, 2022)
11. Reception and Chair R8 Membership Development Sub Committee in Abuja (30th July, 2022)
12. Participation at the R8 Student and Young professionals Congress in Tunis
13. Dumpsite Intercloud for Smart urbanization in Africa
15. IEEE Nigeria Section Exco Meeting (3rd September 2022)
16. 4IR, research Innovation, and Wealth creation- SA Experience (10th September 2022)
17. Reducing Inertia in 3 Phase Electric Motors – YP (17th September 2022)
Planned Events
1. Town Hall Meeting – 24th September 2022
2. Technical and administrative Meeting Q4
3. CAS Workshop – Q4
4. Distinguished lecture Program – ComSoc Q4
5. STEM training Q4
6. IEEE Day 2022 Q4

Affinity Groups
Young Professionals

1. YP Meet-Up at NIGERCON 2022

2. YP participated at the just concluded student and young professional congress in Tunis
3. Reducing Inertia in 3 Phase Electric Motors – YP (17th September 2022)

SIGHT:
There are (2) two existing SIGHT Affinity groups in the section.

- Nigeria Section SIGHT
- Enugu State University of Science and Technology SIGHT

SIGHT Activities in Nigeria
Nigeria SIGHT members worked on the following projects

- Sensitization and provision of locally produced PPE for the prevention of COVID-19 spread in Neni
- Advanced COVID-19 Market Place Robot (CMPR in Ihiagwa Host Community)
The 119th IEEE Region 8
Committee Meeting
Cairo, Egypt, 15–16 October 2022

- Improving Digital Technology in Mushin Community as a way to mitigate the effects of Covid-19
- IEEE Solar-Powered Blood Bank (SPBB) for University of Calabar medical center
- Development of a USSD-based platform for tracking and reporting covid19 in Nigerian rural areas

The projection for the year 2022 and beyond

Strong public awareness campaigns to encourage all universities to establish a Student Branch SIGHT to address the needs of local communities.

Consultants Network Affinity Group

Activities/ Upcoming Events

<table>
<thead>
<tr>
<th>Quarters</th>
<th>Activity</th>
<th>Topic</th>
<th>Host</th>
<th>Speaker</th>
<th>Participants</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 – 15th Jan 2022 @ 11am</td>
<td>Live Webinar</td>
<td>Financial Intelligence &amp; Investments in Post COVID-19</td>
<td>CN-AG/IEEE Subsection</td>
<td>Ola Oladele, CFA Senior Vice president Parthian partners LTD</td>
<td>52</td>
<td>Knowledge Exchange &amp; Networking</td>
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<tr>
<td>Q1 – March 5th, 2022</td>
<td>Live Webinar</td>
<td>2022 Investment Strategy and Tools Kits</td>
<td>IEEE Subsection</td>
<td>Theresa Ikekwem Manager, UCL</td>
<td>48</td>
<td>Knowledge Exchange &amp; Networking</td>
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<tr>
<td>Q2 – April 23rd, 2022</td>
<td>Live Webinar</td>
<td>Scientific Thinking for rapid Career Growth Egypt Experience</td>
<td>CN-AG/IEEE Subsection</td>
<td>Prof Irene S Fahim</td>
<td>37</td>
<td>Knowledge Exchange &amp; Networking</td>
</tr>
<tr>
<td>Q3 – 29th August 5-6pm</td>
<td>Virtual Live Webinar</td>
<td>Dumpsite Intercloud for Smart Urbanization in Africa</td>
<td>IEEE ComSoC Chapter/IEEE CN AG</td>
<td>Kennedy Chinedu Ukafor</td>
<td>27</td>
<td>Knowledge Exchange &amp; Networking</td>
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<tr>
<td>Q3 – 30th August 8-9pm</td>
<td>Live Webinar</td>
<td>A preparatory training Workshop on National Research Fund for FEDCODTTEN</td>
<td>CN-AG/IEEE Subsection</td>
<td>Kennedy Chinedu Okafor</td>
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<td>Knowledge Exchange &amp; Networking</td>
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<tr>
<td>Q3 – 10th Septembe r 11am</td>
<td>Live Webinar</td>
<td>4IR Research &amp; Innovation &amp; Wealth creation - The South African Experience</td>
<td>CN-AG/IEEE Subsection</td>
<td>Dr. Mary Longe</td>
<td>40</td>
<td>Knowledge Exchange &amp; Networking</td>
</tr>
<tr>
<td>Q3 – 22nd September 2022</td>
<td>Live Webinar</td>
<td>Cyber Awareness Training Summit</td>
<td>CN-AG/IEEE Subsection</td>
<td>Dudi Dicks</td>
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<td>Knowledge Exchange &amp; Networking</td>
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<tr>
<td>Q4 – November 1-3rd</td>
<td>Conference</td>
<td>(AITP) 2022 Conference and IEEE ICN-Cs</td>
<td>CN-AG/IEEE Subsection/ AITP &amp; CS</td>
<td>Prof (Mrs.) Stella Chiemeke</td>
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<td>Knowledge Exchange &amp; Networking</td>
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**How Region 8 can be of help to your Section, members, and activities**

1. **Community/Humanity:**
   Sustainable Development Goal 1, one of the 17 Sustainable Development Goals established by the United Nations in 2015, calls for the end of poverty in all forms. The official wording is: "No Poverty". Considering the global need at this time, we can also look at the R8 humanitarian alignment and IEEE HAC with the SDGs.

2. **New initiatives:**
   Critically looking inwards the IEEE we have so many new initiatives we're yet to onboard as a whole. Maybe we start from what we've sustained and failed at, then we can propose an all inclusive new initiatives to add up?

3. **Leadership of all AG and OUs:**
   For instance, handing over has not been that smooth for the SBs. A proposal will be to have sponsored VOLT training for sections.

**Any other issues of interest**