

## [IEEE R3] Area 5 Report

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To: Region 3 ExCom

Cc: Region 3 Committee

Fm: Patrick Kung, Area 5 Chair

Sb: Area 5 Report

Dt: 26 June 2023

All Sections in Area 5 have held technical meetings over the past (approx) month, and reported them in vTools (see below).

A new student branch at Jacksonville State University (Alabama Section) has been created and approved by IEEE MGA (June).

A new LM affinity group was created in the Mississippi Section in May.

### **Past Month's Events in Area 5 (May 22, 2023 to date, plus events not entered in vTools earlier but added since then, excluding ExCom)**

#### **- Alabama Section -**

Apr. 22, 2023 (YP) - *IEEE The Potential and Promise*

May 1, 2023 (Section/PE31) - *High-Altitude Electromagnetic Pulse and the Power Grid*

Jun. 5, 2023 (Section/C16/PE31) - *Modern Nuclear Power & Energy Systems*

#### **- Gainesville Section -**

Apr. 20, 2023 (Section) - *Motor Control in Electric Vehicles*

#### **- Huntsville Section -**

Apr. 20, 2023 (EMC27/Section) - *IEEE EMC Technical Meeting*

May 16, 2023 (TEM14/C16/PE31) - *TEMS Tuesday: "Transitioning to EVs at Scale: Problems, Risks and Opportunities" with Robert N. Charette*

May 18, 2023 (EMC27/Section) - *IEEE EMC Technical Meeting*

May 23, 2023 (TEM14) - *TEMS Tuesdays: "Precision Spectroscopy and Interferometry based on Optical Time and Frequency Control"*

#### **- Jamaica Section -**

May 14, 2023 (Section) - *Development of Automatic Congestion Detection and Control Protocol*

Jun. 20, 2023 (Section) - *(ACDCP) for 5G & 6G Security in Wireless Sensor Networks and their Societal Impacts Surviving and Thriving in Today's Workplace A few Tips to Manage Professional Development & Career Security*

#### **- Mississippi Section -**

Apr. 27, 2023 (YP/Section/STB-Jackson State Univ.) - *Jackson State University (JSU) Senior Design*

### *Presentations*

May 26, 2023 (Section) - *An FPGA-based Multi-Memory Architecture to Accelerate Computationally Intensive Applications*

#### **- Mobile Section -**

Apr. 25, 2023 (Section) - *IEEE Mobile Section Technical Meeting April 2023*

#### **- Northwest Florida Section -**

May 9, 2023 (Section/C16/COM19/LM/STB-U. West Florida) - *History of Electronic Components*

Jun. 10, 2023 (Section) - *Florida Council Meeting*

#### **- Tallahassee Section -**

May 22, 2023 (PE31) - *My Professional Journey!*

Jun. 5, 2023 (PE31) - *Estimation and control of underwater optical wireless communication systems*

### **Patrick Kung**

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