IEEE Region 10 Annual General Meeting 2022

Region 5 Director Remarks – February 27, 2022

Bob Becnel, Region 5 Director, 2022-2023
Region 5 Best Practices

- About
- Geography
- Operating rhythm and Committees
- Key Events
- 2022 Focus
About Me – Bob Becnel

- Associate Tech Fellow for the Boeing Company on Autonomous Systems in St. Louis with an expertise in command and control communications. Married with 2 daughters.

IEEE
- Region 5, Director (2022-2023), Director-Elect (2020-2021), Treasurer (2014-2017)
- MGA Training, IEEE Audit Committee (Current)
- Washington University in St. Louis Branch Counselor (2015 – Current)
- Saint Louis Section Chair and Officer

Education
- University of Missouri – Columbia, BSEE, BSCoE, 1991
- Washington University in St. Louis, MSEE, 2003

Professional
- Professional Engineer – State of Missouri
Geography
Region 5, At a Glance

- One Region -> 4 Areas -> 27 Sections -> 99 Student Branches (Approx.)
- Membership (2021): 1,594 (Graduate Students) + 1,791 (Undergrad Students) + 18,932 (Members) = 22,317 (All Members)
- Largest Metro Areas: Houston, Denver, Dallas/Fort Worth, Austin, St. Louis, Kansas City and New Orleans.
- Large Industry: Boeing, Lockheed Martin, AT&T, Tesla, Dell, Texas Instruments
Region 5 ExCOM

Region 5 Director: Bob G Becnel
Immediate Past Region 5 Director: James R Look
Vice Chair/Director-Elect: Anthony M Francis
Secretary: Theresa Odun-Ayo*
Treasurer: Paul H Cassingham
Membership Development: Joe Redfield
Awards & Recognition: Leslie Martinich*
Region Conference Coordinator: Kenneth B Rice
Professional Activities: Diane Bowen Collier*
Student Activities Committee: Amardeep Kaur*
Educational Activities: Donald Dunn*
Area Chair, East: Hunter J Boudreaux*
Area Chair, North: Maciej J Zawodniok
Area Chair, South: Christopher B Sanderson
Area Chair, West: Faye Kann

Regional Life Member Coordinator: Kai Wong
Audit Committee Chair, 4th Year: James Sipes (West)
Audit Committee, 3rd Year: William Wylie (North)
Audit Committee, 2nd Year: Silke Spiesshoefer (East)
Audit Committee, 1st Year: Ernest X Njouondo (South)*
Branch Comm Coordinator: Mukul Shirvaikar
Branch Activities Coordinator: Abu Sadath Asduzzaman
Historian: Zafar Taqvi
Government Relations: Walter Downing
Region Vitality Coordinator: Johnathan Hartman
Virtual Community Coordinator: Ian McMillan
Industry Relations Liaison: Rajah Vysyaraju
Women In Engineering Chair: Anitra Wilson*
Young Professionals Coordinator: Ashwini Gokhale
Society Liaison: Peter Hawrylak*
Strategic Planning Committee: John Reinert
Sections Congress Coordinator: John Reinert
Diversity and Inclusion Chair: Prasenjit Shil*
Standards Coordinator: Raja Mir
Admission and Advancement: James Mercier
Pre-College Activities: Anthony M Francis
Newsletter Editor: Adeola (Peter) Adejokun

* New or different position
## Committee Organizations for Participation

<table>
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<tr>
<th>Committee</th>
<th>Core Members</th>
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<tr>
<td>Vitality</td>
<td>Vitality Coordinator*, Area Chair Liaison, Section Chairs, Affinity Group Coordinators</td>
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<tr>
<td>Conference</td>
<td>Conference Coordinator*, Area Chair Liaison, Local Host Committees, SAC</td>
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<tr>
<td>Students</td>
<td>SAC*, Other SAC Members, Area Chair Liaison, Branch Counselors, Branch Chairs</td>
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<td>Area Chair</td>
<td>Area Chairs*, Membership, Others As Required</td>
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<tr>
<td>Membership</td>
<td>MD*, Area Chair Liaison, AF Coordinators, Vitality, SAC, Others As Required</td>
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*Committee Organizer/Lead
IEEE WIE International Leadership Summit (Region 5)

March 28-30, 2022 – Louisiana

IEEE Women in Engineering International Leadership Summits (ILS) provide regional opportunities to foster networking, mentorship, and collaboration. With the leadership and creativity of IEEE WIE volunteers, WIE Summits have been extremely successful and have made an outstanding impact on communities around the globe!
The IEEE Green Technology Conference (GreenTech) was developed to address one of the most pressing challenges of our time: to produce green and clean energy in the 21st century to help conserve the environment. GreenTech’s main areas of interest include but are not limited to renewable energy and smart grids, energy generation, transmission, distribution and storage, transportation, electrification.

- Program Includes
- Papers and speakers
- Workshops
- Continued education
- Tutorials
Annual Meeting and Student Competitions

April 1-3, 2022 – Houston, Texas

IEEE-USA Presidential Candidate Forum
(Friday Night)
- James Look
- Keith Moore

Student Competitions (Saturday)
- Student Paper/Poster Competition
- Student Design Competition
- Student Ethics Competition
- Student Robotics Competition

Annual Meeting (Saturday-Sunday)
- Region 5 ExCOM
- Section Delegates

Awards Banquet (Saturday Night)
- Student Awards
- Member Awards
- John Meredith Award
Paper/Poster Competition

Format:
- Paper and Presentation (15 min)
- ~7 pages, 3000 words max
- IEEE format, etc

Structure:
- Local (section) Competition
- Area Competition (North, South East West)
- Region Competition

Cash Prizes Presented at Saturday Night Awards Banquet.
Student Analog/Digital Circuit Design Competition

*Up to 10 Teams Compete*

- Held at the regional competition; Signup online! 10 Teams of 2
- Only **one team** from each student branch
- Two Parts:
  - Design (Saturday AM)
  - Build/Demo (Saturday PM)
- Three prizes awarded at Region Competition

**Cash Prizes Presented at Saturday Night Awards Banquet.**
Student Ethics Competition

*Up to 10 Teams Compete*

- Held at the regional competition; Signup online!
- 10 Teams of 1-2
- Priority given to first team that registers from each branch

**Competition:**
- Analyze the ethical situation,
- Prepare a 10 Minute PowerPoint presentation
- Make recommendation for actions to be taken based on the IEEE Code of Ethics.

- Three prizes awarded at Region Competition

*Cash Prizes Presented at Saturday Night Awards Banquet.*
Student Underwater Robotics Competition

- Held at the regional competition
- Student teams will be challenged to build autonomous robots following predetermined rules:

**Schedule:**

- Friday, 1 April 2022
  - 6:00PM – Ballroom open to student teams
- Saturday, 2 April 2022
  - 8:30AM – First Round of Competition Begins
  - 12:00PM – Box Lunch
  - 3:00PM – Final Round of Competition Completed

Cash Prizes Presented at Saturday Night Awards Banquet.
Section Anniversaries

Oklahoma City (Feb 16, 1922) – 100 Years

Panhandle (Jun 12, 1947) – 75 Years

Arkansas (Apr 23, 1947) – 75 Years

Shreveport (Jun 12, 1947) – 75 Years
2022 Focus

- Onboarding new EXCOM Members
- Promoting Affinity Groups as benefit to Membership
- Vitality and rejuvenating Sections – Early detection
- Keeping Branches and students engaged
- Region 5 Newsletter
- Rebounding after 2 years of slow growth