Welcome to the IEEE Richmond Section Picnic!

June 14, 2026

Deep Run Park

9900 Ridgefield Pkwy

Richmond, VA 23233

IEEE
Advancing Technology for Humanity

IEEE Proprietary – Distribution is restricted to IEEE members only.

Current IEEE Richmond Section Officers

Allen Jones – Past Richmond Section Chair (2020-2024) - allen.jones@ieee.org
Gokul Pandy – Richmond Section Chair - gokul.pandy@ieee.org
Jayanna Hallur – Richmond Section Secretary - jayannah@gmail.com
Suhas Jangoan – Richmond Section Treasurer - suhas.jangaon@gmail.com

IEEE
Advancing Technology for Humanity

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Chief Guest James Imanian

Distinguished Leader

- **Current Roles**

Region 3 Section Support Committee Chair – 2026-2027

- **Past Region Roles**

Region 3 Area 1 Chair (Virginia & North Carolina) – 2022-2025

Region 3 Awards & Recognition Committee Member – 2022-2025

- **Past Section Roles**

Richmond Section Chair – 2012-2014

Richmond Section Secretary – 2011, 2022

Richmond Section Secretary/Treasurer – 2023-2024

- **Past Chapter Roles**

Richmond Computer Society Chapter Vice Chair – 2022-2025

IEEE Proprietary – Distribution is restricted to IEEE members only.

The professional home for the engineering and technology community worldwide

Chief Guest Talk & Award Presentation

James Imanian

IEEE Advancing Technology for Humanity

IEEE Proprietary – Distribution is restricted to IEEE members only. The professional home for the engineering and technology community worldwide

IEEE Richmond Section Past Chair

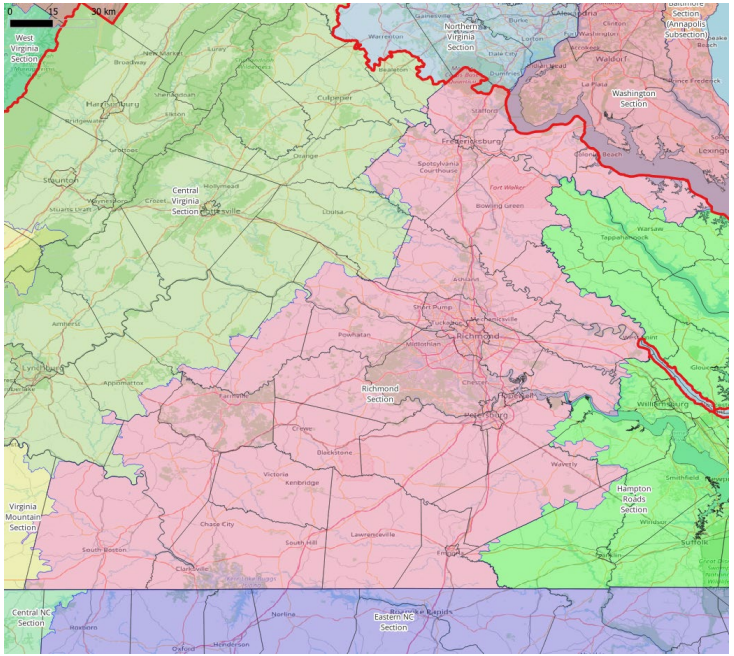
Allen Jones

- Past Roles
  - Richmond Section Chair (2020-2024)
  - Richmond Section Vice Chair (2019)
  - Region 3 Section Support Committee (Projects Committee Lead) (2022-2025)
  - Region 3 STEM Outreach XRP Robot Project Lead (2025)
  - IEEE Richmond Computer Society Founding Chair (2016-2022)
  - IEEE Richmond Computer Society Secretary (2022-2024)
  - IEEE Richmond Computer Society Treasurer (2022-2025)
- Current Roles
  - Immediate Past Chair (responsible for training) (2025-2026)
  - Mission Tomorrow Local Group Lead (STEM Outreach)
  - IEEE MGA vTools Committee Member (Tools for volunteers)
  - OU Analytics User Group Lead (Tools for volunteers)

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

What is the “Richmond Section?”

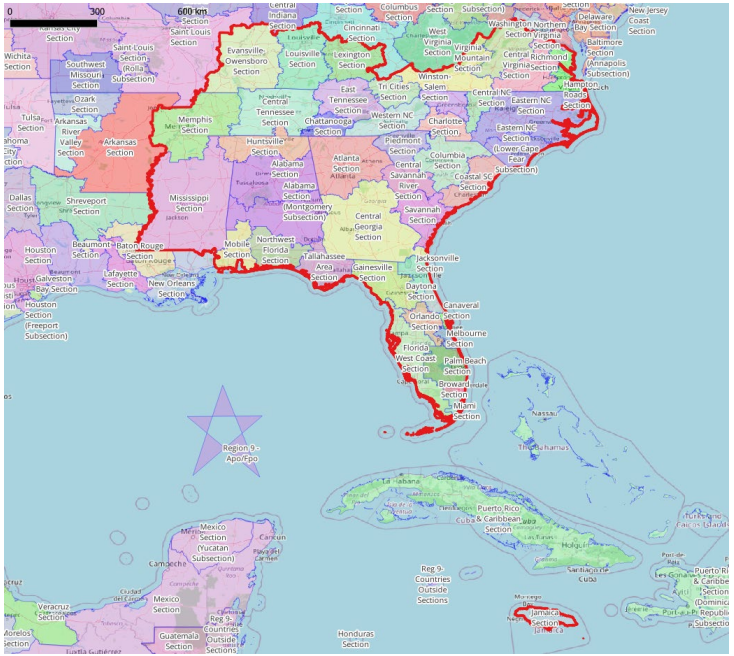
- The Richmond Section covers the 22 cities and counties shown on the map.
- All IEEE members living within the geographic boundaries of a Section or attending a college or university within the geographic boundaries of a Section are members of that Section.
- The Richmond Section has 827 members
  - 2 Associate Members
  - 62 Student Members
  - 50 Graduate Student Members
  - 356 Members
  - 93 Life Members
  - 202 Senior Members
  - 43 Life Senior Members
  - 4 Fellows
  - 4 Life Fellows
  - 11 Affiliates
- Most of our members live in the Greater Richmond area or the Greater Fredericksburg area.



IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

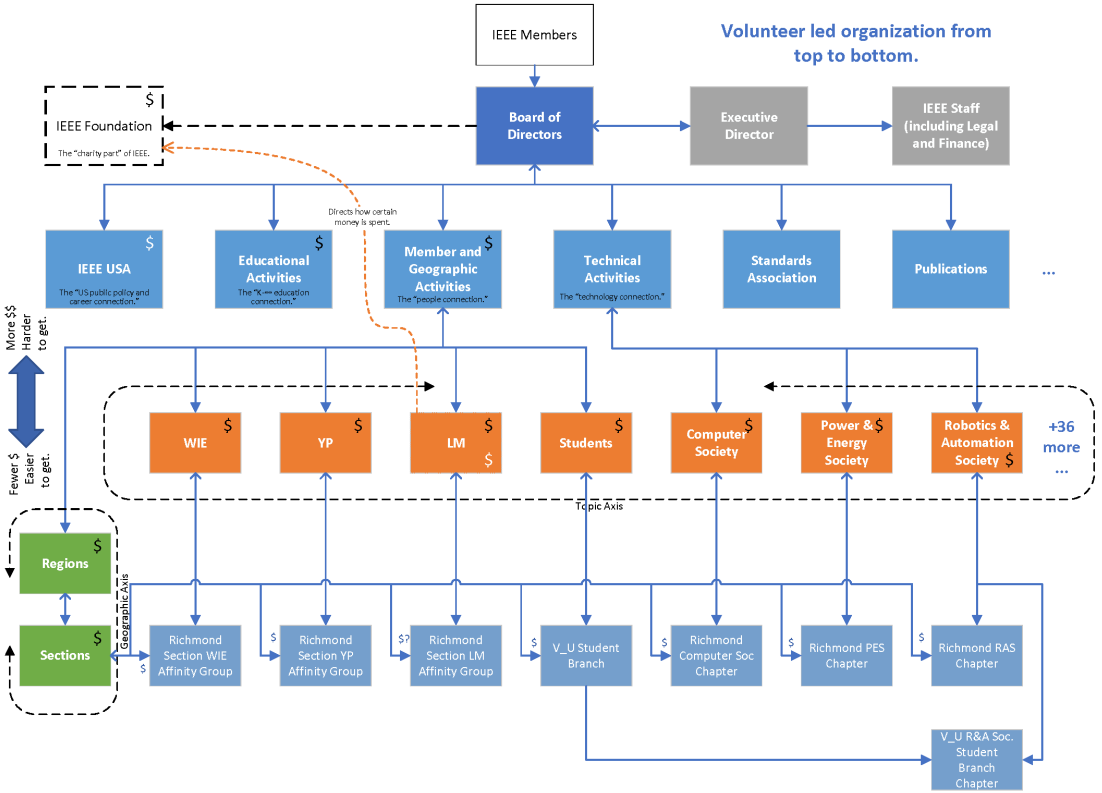
Regions

- Sections are grouped into one of 10 Regions that cover virtually the whole world.
- We are part of Region 3.



IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Richmond Section Tree Structure



For a more detailed view of the diagram, scan the QR Code below. Open the pdf in Adobe Acrobat to turn the layers on and off.

IEEE Proprietary – Distribution is restricted to IEEE members only.

Mission Tomorrow – STEM Outreach

24 Volunteers – Over 13,000 K-12 Students Reached

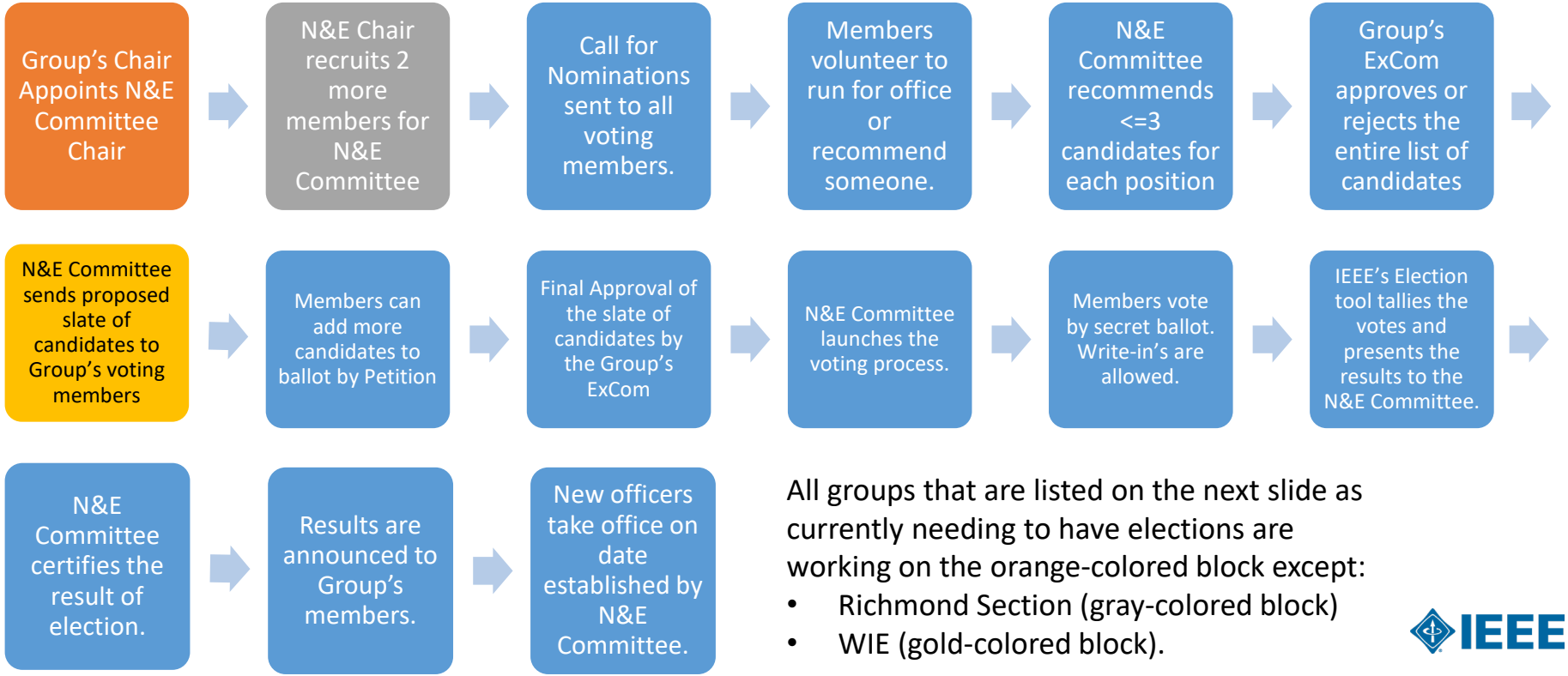
October 2025-June 2026 STEM Outreach Volunteers	
Kwabena Amoako	Jeffrey Mostando
Melbourne Barton	Praveen Palaniswamy
T Wayne Belvin	Devendra Rajput
Venkata Seetarama Raju Dantuluri	Dr. Habib Riazi
Melody Enwerem	Habib Riazi
Evie Florek	Brandon Rose
Allen Jones	Phebe Selly
Sanchee Kaushik	Pushpjeet Shrivastava
Malar Kondappan	Dhanveer Singh
Muthukumar Kubendran	Florence Steve-Essi
Bruce MacAlister	Will Tamae
Vineet Mishra	Dr. Christopher Washington

Event	Date
Mission Tomorrow Career Exploration Event	October 21-23, 2025
Oak Knoll Middle School STEAM Fest	February 26, 2026
2026 Celebrate Engineering Ingenuity Day	March 15, 2026
Moody Middle School Career Fair	March 18, 2026
Quioccasin Middle School Career Day	March 19, 2026
Woolridge Elementary STEAM Night	March 26, 2026

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

We are Looking for Volunteers

The Nominations & Election (N&E) Process



All groups that are listed on the next slide as currently needing to have elections are working on the orange-colored block except:

- Richmond Section (gray-colored block)
- WIE (gold-colored block).

IEEE Proprietary – Distribution is restricted to IEEE members only.

We are Looking for Volunteers

IEEE is run by its Volunteers

- All groups except Computer Society Chapter, Robotics & Automation Society Chapter, and Life Member Affinity Group are due for elections this year.
- IEEE has a small paid staff, but all its leadership roles are held by volunteers who are people just like you.
- The main requirement to run is a willingness to make a difference.
- Prior leadership experience is not a requirement.
  - There are plenty of people to help you in your new role.
  - Serving as a volunteer leader within IEEE is a great way to gain leadership experience that can help you in your professional career.

Organization	Election Status	Contact Person
Richmond Section	Need volunteers for N&E Comm.	Dr. Dale Herdegen (Richmond Section N&E Comm. Chair), dale.herdegen@gmail.com
Power & Energy Society Chapter	Need volunteers for N&E Comm.	Gokul Pandy (Richmond Section Chair), gokul.pandy@ieee.org
Industry Applications Society Chapter	Organization needs to be rebuilt.	Gokul Pandy (Richmond Section Chair), gokul.pandy@ieee.org
Magnetics/Engineering in Medicine & Biology Society Joint Chapter	Need volunteers for N&E Comm.	Gokul Pandy (Richmond Section Chair), gokul.pandy@ieee.org
Young Professionals Affinity Group	Need volunteers for N&E Comm.	Phebe Selly (YP Chair), phebe.selly@ieee.org
Women in Engineering Affinity Group	Entering the Petitions Phase	Phebe Selly (WIE Nominations & Elections Chair), phebe.selly@ieee.org

IEEE Proprietary – Distribution is restricted to IEEE members only.

Presentation of Award and Past Section Chair Officer Pin

IEEE Advancing Technology for Humanity

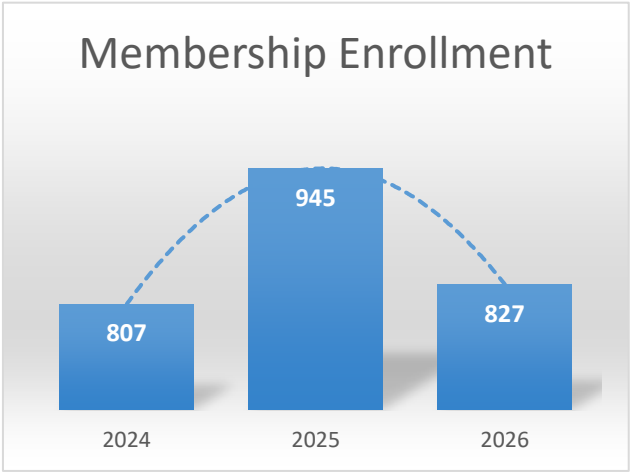
IEEE Proprietary – Distribution is restricted to IEEE members only. The professional home for the engineering and technology community worldwide

IEEE Richmond Section and Life Member Affinity Group Chair

Gokul Pandy B.E., M.B.A., SMIEEE, FIET, FBCS, FIETE, DiscF SCRS, HKN

Major Successes:

- Awarded Outstanding Member Retention and Recruitment award.
- Reactivated the Virginia State University (VSU) Student Branch
- Formed Mission Tomorrow K-12 STEM Outreach Local Group
- Established a Life Member Affinity Group
- Held 68 total meetings.
- Created a social media presence



IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

IEEE Richmond Section and Life Member Affinity Group Chair

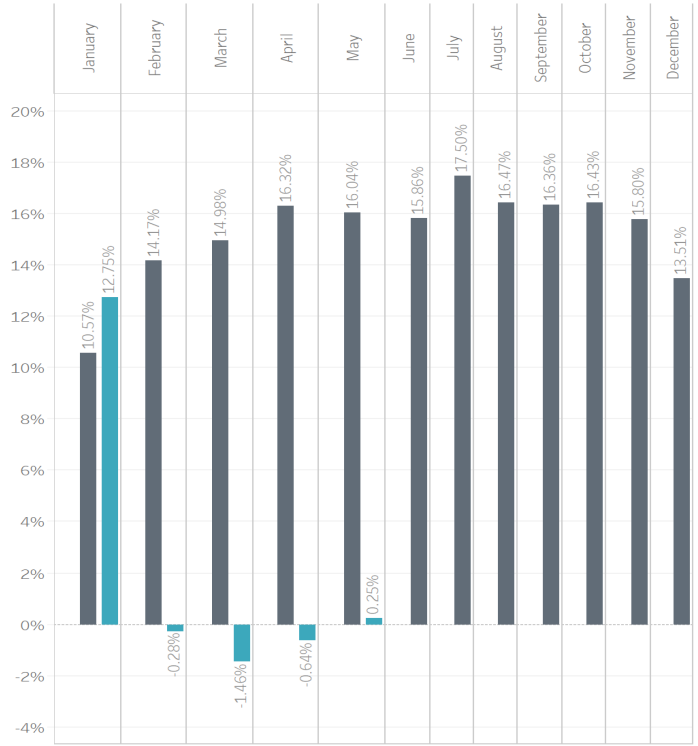
Gokul Pandy B.E., M.B.A., SMIEEE, FIET, FBCS, FIETE, DiscF SCRS, HKN

Certificate Awarded to Richmond Section

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Total IEEE Membership

YoY Change %



Grade
- ☑ Affiliate
- ☑ Associate Member
- ☑ Fellow
- ☑ Graduate Student Member
- ☑ Honorary Member
- ☑ Individual
- ☑ Life Fellow
- ☑ Life Member
- ☑ Life Senior
- ☑ Member
- ☑ Not Applicable
- ☑ SA Member
- ☑ Senior Member
- ☑ Student Member

Region
R3

Section Name
Richmond Section

Primary Employer Type
(Data available starting December 2023)
All

Metric
Active

***Retention data refers to renewing membership data (include those Arrears paid)**
***Recruitment data includes both New Join and Reinstate data**

	January	February	March	April	May	June	July	August	September	October	November	December
2026	955	715	741	779	805							
2025	847	717	752	784	803	833	866	877	896	914	938	941
2024	766	628	654	674	692	719	737	753	770	785	810	829

IEEE Proprietary – Distribution is restricted to IEEE members only.

IEEE Richmond Section and Life Member Affinity Group Chair

Gokul Pandy B.E., M.B.A., SMIEEE, FIET, FBCS, FIETE, DiscF SCRS, HKN

Goals:

Continue to:

- Grow Richmond Section active membership.
- Organize technical talks.
- Strengthen YP and WIE
- Strengthen university partnerships.
- Participate in community STEM programs and events.

Organize networking events and family/social gatherings.

Obstacles:

Volunteer bandwidth is always a challenge. We are trying to have more bandwidth by having more volunteers.

Milestones:

- *Expand membership promotion through new channels.*
- *Continue strong participation in Mission Tomorrow and K–12 STEM events.*
- *Opportunities:*
- *Strengthen collaboration with universities through hackathons, technical talks, and mentorship programs.*
- *Extend outreach to underserved communities.*
- *To Send Students to Southeastcorn 2027*

Opportunities:

•Strengthen collaboration with universities through hackathons, technical talks, and mentorship programs.

•Extend outreach to underserved communities.

IEEE Proprietary – Distribution is restricted to IEEE members only.

The professional home for the engineering and technology community worldwide

IEEE Richmond Section and Life Member Affinity Group Chair

Gokul Pandy B.E., M.B.A., SMIEEE, FIET, FBCS, FIETE, DiscF SCRS, HKN

President'sChallenge

- Mary Ellen Randall has 2 initiatives to be implemented globally:
    - IEEE Future Tech Explorers Challenge
    - Humanitarian-based project focused on Disaster First Responders.
- Richmond Sections have been actively participating in Future Tech Explorers
- Region 3 plans to create an incentive for Sections that engage and implement the IEEE President's Challenge.
- Read more : Engineering a Modern Renaissance - https://spectrum.ieee.org/ieee-presidents-note-engineering-renaissance

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

IEEE Richmond Section and Life Member Affinity Group Chair

Gokul Pandy B.E., M.B.A., SMIEEE, FIET, FBCS, FIETE, DiscF SCRS, HKN

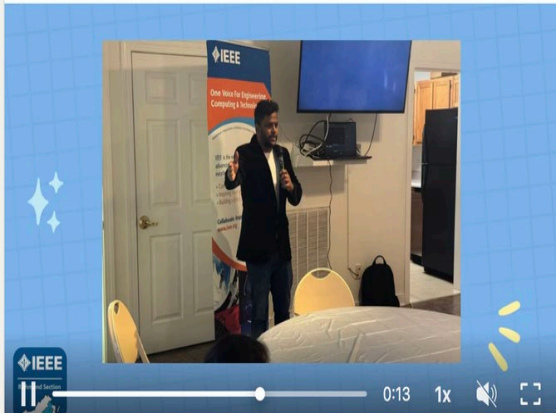
SoutheastCon 2027 was approved for the Canaveral, Daytona, and Orlando Sections in Daytona Beach on April 15–18, 2027.

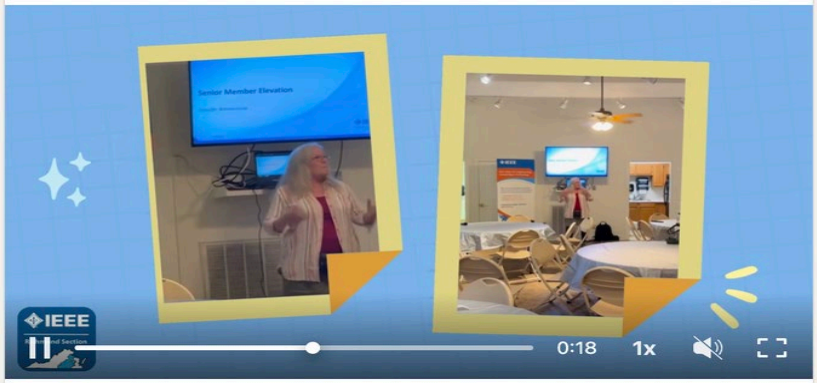
- SoutheastCon 2028 is approved for the Piedmont Section (South Carolina) Global & Strategic Initiatives
- Region 3 approved participation in the multi-region STEM initiative: STEM for Sustainable Development: Empowering Communities Through Innovation.
- Sections Congress will include:
  - Virtual event: December 6–7, 2025
  - In-person event: Glasgow, Scotland, August 21–23, 2026 (Section Chair Travelling)

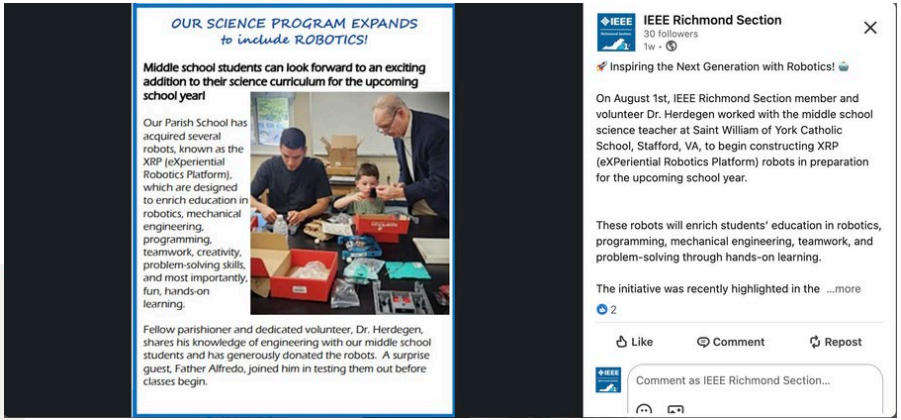
IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

IEEE Richmond Section Secretary

Jayanna Hallur







OUR SCIENCE PROGRAM EXPANDS to include ROBOTICS!

Middle school students can look forward to an exciting addition to their science curriculum for the upcoming school year!

Our Parish School has acquired several robots, known as the XRP (eXperiential Robotics Platform), which are designed to enrich education in robotics, mechanical engineering, programming, teamwork, creativity, problem-solving skills, and most importantly, fun, hands-on learning.

Fellow parishioner and dedicated volunteer, Dr. Herdegen, shares his knowledge of engineering with our middle school students and has generously donated the robots. A surprise guest, Father Alfredo, joined him in testing them out before classes begin.

IEEE Richmond Section
30 followers
1w •

Inspiring the Next Generation with Robotics!

On August 1st, IEEE Richmond Section member and volunteer Dr. Herdegen worked with the middle school science teacher at Saint William of York Catholic School, Stafford, VA, to begin constructing XRP (eXPeriential Robotics Platform) robots in preparation for the upcoming school year.

These robots will enrich students' education in robotics, programming, mechanical engineering, teamwork, and problem-solving through hands-on learning.

The initiative was recently highlighted in the ...more

2

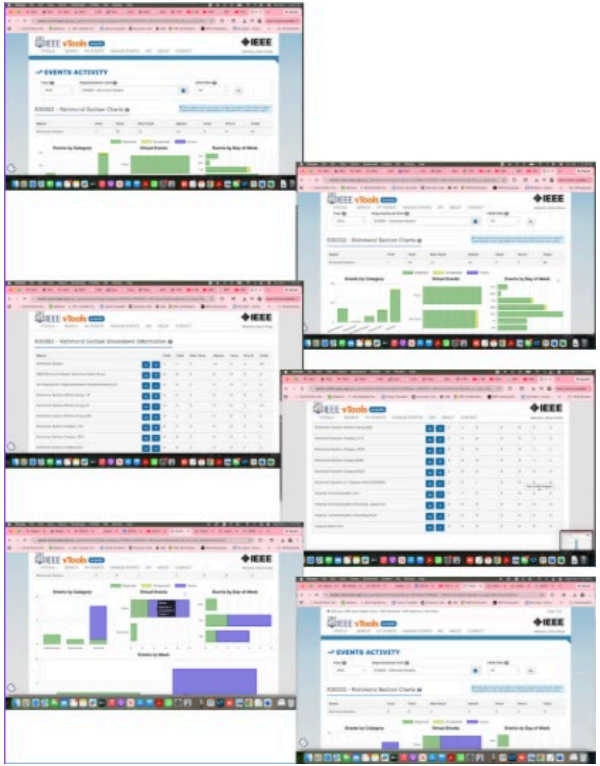
Like Comment Repost

Comment as IEEE Richmond Section...

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

IEEE Richmond Section Secretary

Jayanna Hallur

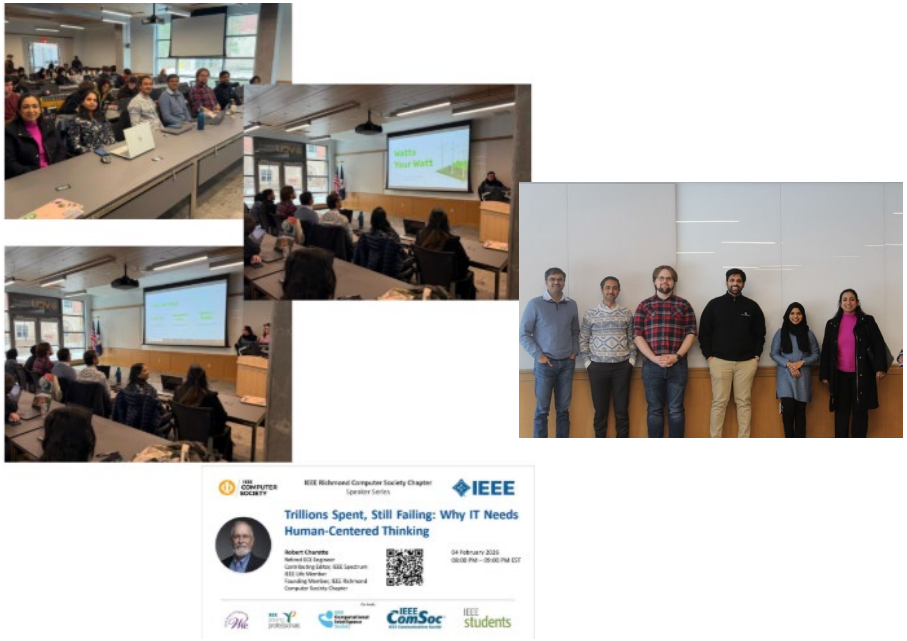


IEEE Proprietary – Distribution is restricted to IEEE members only.

IEEE Richmond Section Treasurer

Suhas Jangoan

- Sustained Perfection: Maintained 100% financial compliance across all Richmond Section Chapters and Student branches for two years.
- Operational Training: Successfully onboarded chapter and student branch treasurers to NextGen Banking tools.
- Funding Security: Qualified for and secured all available IEEE rebates and performance-based bonuses.
- Impactful Funding: Directed resources and timely funding to STEM events, and robust Student Branch activities.



IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Young Professionals Presentation

Phebe Selly – YP Chair

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

IEEE
Advancing Technology for Humanity

IEEE youngprofessionals
Region 3

IEEE youngprofessionals
RICHMOND SECTION

IEEE R3 YP - Richmond Affinity Group Year in Review

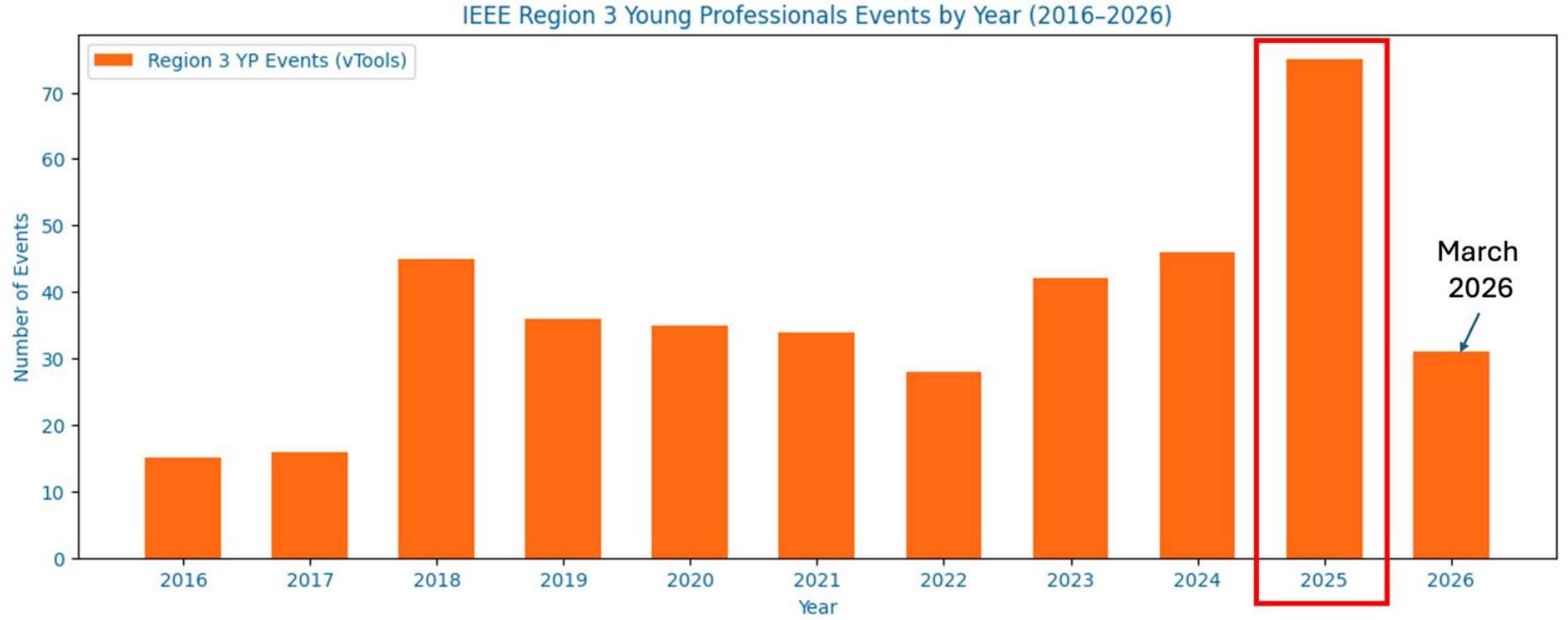
Jan- June 2026

R3 YP Team

Agenda

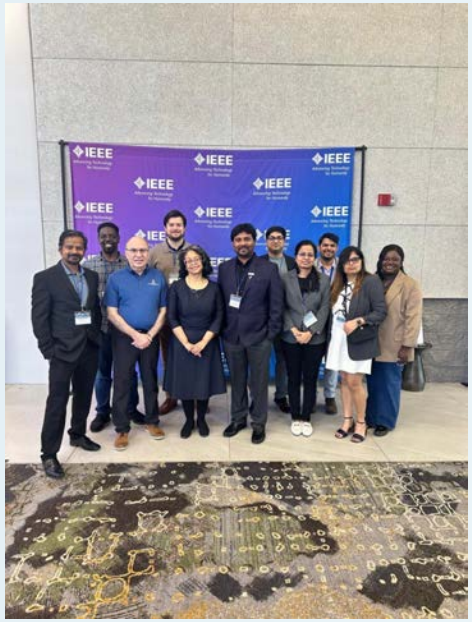
- Events Dashboard
- Past Events
- Planned Events
- Connect with Richmond YP

Events Organized



Past Events

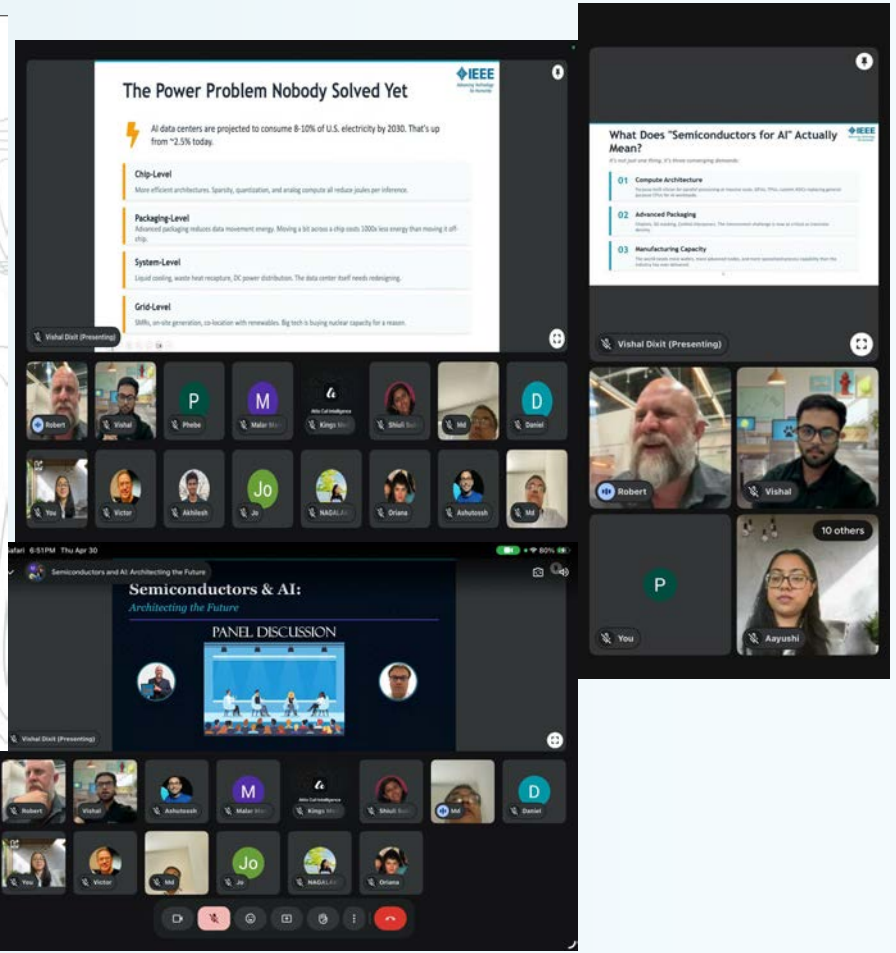
IEEE SoutheastCon 2026



Congressional Visit Day

Max. of
$500/person
R3 region funds

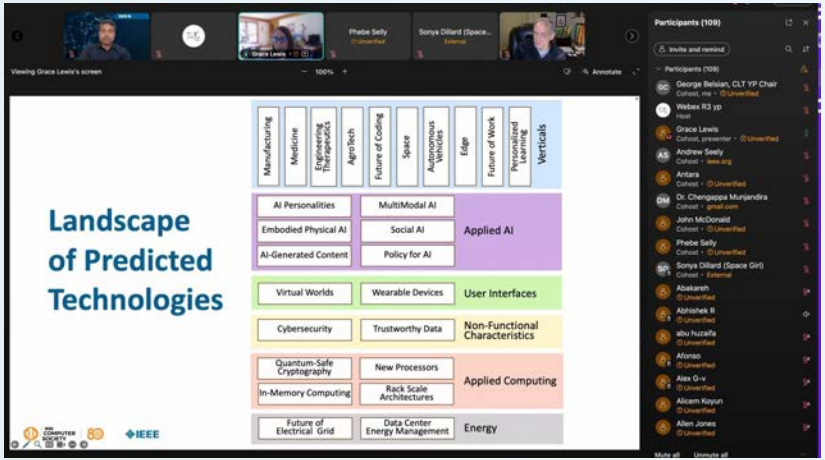
Semiconductors and AI: Architecting the future



Planned Events

Tech Futures 2026

- **March 2026** — Virtual Kick-Off
- **April 2026** — Deepdive 1, Orlando, FL, Cybersecurity
- **May 2026** — Deepdive 2, Raleigh, NC, Future of Coding
- **June 26 2026** — Deepdive 3, Richmond, VA, Data Center Energy Management
- **July 2026** — Deepdive 4, Atlanta, GA, AI & Future of Work Embodied
- **August 2026** — Deepdive 5, Physical AI



R3 YP Membership Development Co-hosting event

June 20, 2026 ***10am***

- Event title: Beyond Membership: Exploring IEEE Young Professionals
- Virtual Event
- Richmond YP hosting in collaboration with IEEE R3 YP Membership Development team

#KnowyourR3YP - Richmond AG

Get involved! Connect with our YP group!

Website: https://r3.ieee.org/yp/
Whatsapp group:

Presentation of Award to Phebe Selly, YP Chair

IEEE Advancing Technology for Humanity

IEEE Proprietary – Distribution is restricted to IEEE members only.

Social Media Presence & Tech Session Speaker Series

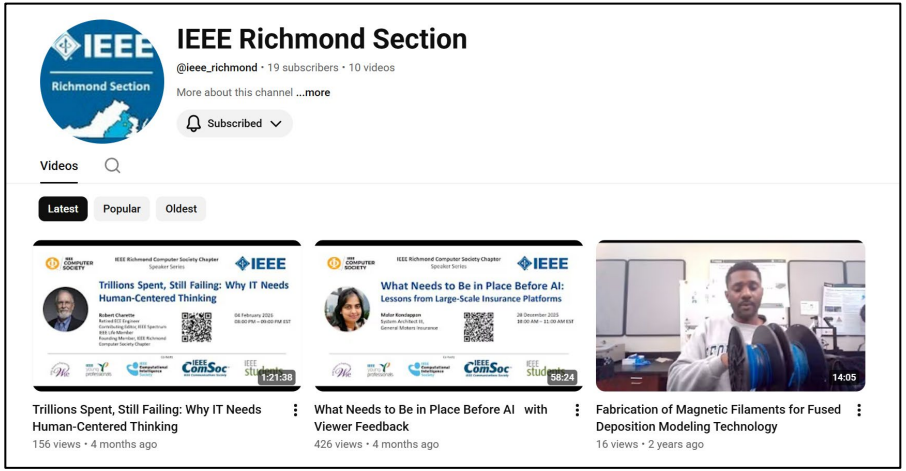
Devendra Rajput – IEEE Computer Society Richmond Chapter Secretary

IEEE
Advancing Technology for Humanity

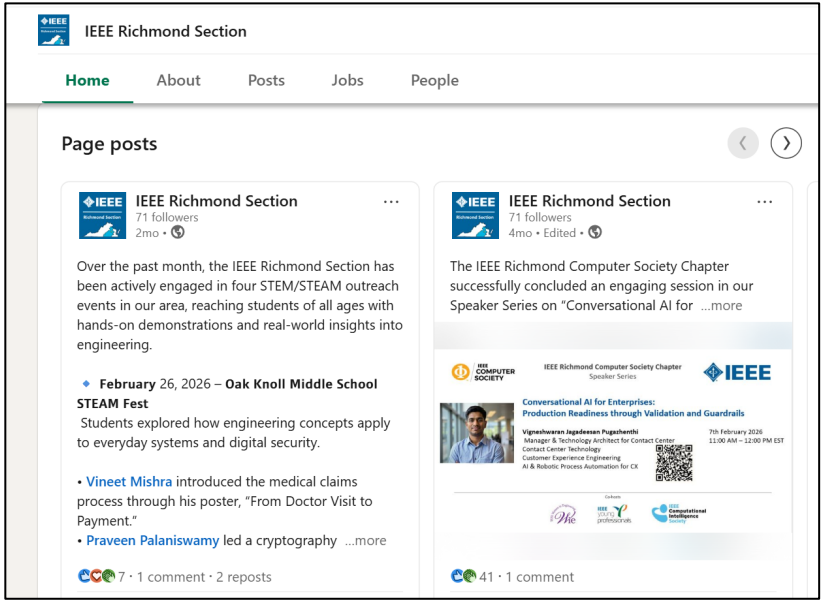
ieee.org

IEEE Proprietary – Distribution is restricted to IEEE members only.

IEEE Richmond YouTube Channel and LinkedIn Page



https://www.youtube.com/@ieee_richmond



https://www.linkedin.com/company/ieee-richmond-section/

Speaker Series Highlights

Cross-society sessions at the intersection of AI, systems architecture & risk

DEC 2025

Accelerate Development with Gemini — AI Agent at Your Terminal

Ramesh Rajini

Sr. Principal Consultant, Infosys | NASSCOM Mentor | Google WTM Ambassador

Embedding Gemini-based assistants into everyday engineering workflows.

DEC 2025

What Needs to Be in Place Before AI: Lessons from Large-Scale Insurance Platforms

Malar Kondappan

System Architect III, General Motors Insurance

Data quality, schemas, microservices & governance — the foundations before models.

FEB 2026

Trillions Spent, Still Failing: Why IT Needs Human-Centered Thinking

Robert Charette

IEEE Life Member | IEEE Spectrum Contributing Editor | RCS Founding Member

Flagship session — convened 15 co-hosting IEEE groups across Region 3.

FEB 2026

Conversational AI for Enterprises: Production Readiness through Validation & Guardrails

Vigneshwaran Jagadeesan Pugazhenthi

Manager / Technology Architect, Cognizant | Incoming Chapter Chair

Validation frameworks, guardrails & prompt-injection mitigation for enterprise AI.

CO-HOSTING PARTNERS

IEEE Societies: Computer • Computational Intelligence • Communications • Young Professionals • Women in Engineering • Students • Life Members

IEEE Sections: Richmond • Central Virginia • Northeast Florida • Santa Clara Valley • Northern Virginia / Washington DC

Coordinated by **Malar Kondappan** & **Devendra Rajput** | Speaker Coordinators, Richmond Computer Society Chapter

IEEE Proprietary – Distribution is restricted to IEEE members only.

Tech Session Speaker Series

What's Next & How to Get Involved

- IEEE Richmond – Computer Society Speaker Series – 2026
  - We are pleased to announce the continuation of the speaker series
  - Participants, IEEE chapters, Sections and Affinity Groups are invited to engage as attendees, collaborators or co-hosts for upcoming sessions
- Attendee Feedback (Anonymous Survey)
  - An IEEE – authorized survey link will be shared with attendees
  - Please share your feedback on:
    - Sessions conducted
    - Topics of Interest for future events
    - Interested in co-hosting future meetings
    - Any additional suggestions or feedback

IEEE Proprietary – Distribution is restricted to IEEE members only.

Tech Session Speaker Series

Call for Future Speakers

- Interested speakers are invited to reach out to the Speaker Coordinators:
  - **Devendra Rajput** @ devendraprajput@ieee.org
  - **Vigneshwaran Pugazhenthi** @ vigneshwaran.jp@ieee.org
- Please include
  - Short biography
  - LinkedIn or Professional profile
  - Proposed Speaking Topic and Abstract
- Speaker selection process will be defined and communicated accordingly

IEEE Proprietary – Distribution is restricted to IEEE members only.

A Brief Word from the Association for Computing Machinery

- Jyostna Seelam – Chair
- Abdul Rasheed - Vice Chair
- Kadharvali Shaik - Membership Chair
- Dipanjan Sen - web master

Association for
Computing Machinery

Advancing Computing as a Science & Profession

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Presentation of Awards to 2025-2026 Section Officers

Gokul Pandy
Richmond Section Chair

Jayanna Hallur
Richmond Section Secretary

Suhas Jangoan
Richmond Section Treasurer

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

Thank You to our Volunteers – June 14th 2026 Picnic Event

- Karthick Oagghu Baskar
- Keshavarao Ganeshrao
- Aminat Abiola Ganiyu
- Amrut Hallur
- Akshay Hallur
- Prashant Khamar
- Veksler Maryna
- Mohsen Mostafaei
- Faiz Mulla
- Saumya Padgi
- Devendra Rajput
- Jyoteesh Reddy
- Khadarvali Shaik
- Pushpjeet Shrivastava
- Dhanveer Singh
- William Tamae

IEEE Proprietary – Distribution is restricted to IEEE members only.
The professional home for the engineering and technology community worldwide

QR Code for this Presentation

For a pdf copy of this presentation, scan the QR Code.

This presentation is "IEEE Proprietary" which means that it can be shared freely with other IEEE members but cannot be shared outside of IEEE.

IEEE Proprietary – Distribution is restricted to IEEE members only.