

IEEE Scanner

January 2025 Newsletter of Baltimore, Northern Virginia & Washington Sections

Today in electronic history:

January 1, 1946

ENIAC, the first fully electronic computer, is completed by its designers [John Mauchly](#) and [J. Presper Eckert](#). It would later be unveiled to the public on [February 14th](#).

1. The NOVA Section has completed the Election of Section Officers and Directors for 2025.

Chair: Sandra Hyland

Vice-Chair: Makek Ben Salem

Treasurer: Vinay Tripathi

Secretary: Sandip Gami

New Directors: (2025-2026)

Kartik Bulusu

Lori Coombs

Matthew Fisher

Bryan Reese

2. We welcome our new Fellows in the area:

[John Yiannis Aloimonos](#)

University of Maryland, College Park MD, USA

for contributions to active perception and the perception of action

[Arati Dasgupta](#)

U.S. Naval Research Laboratory DC, USA

for contributions to high energy density plasma, atomic, and radiation physics

Liping Di

George Mason University VA, USA

for contributions to geoinformatic technology for Earth observations

Saikat Guha

University of Arizona MD, USA

for bridging information theory and physics to design quantum-enhanced photonic sensing, communications, and networking systems

Dean G Jarrett

National Institute of Standards and Technology MD, USA

for contributions to high resistance metrology and measurement standards and techniques

Charles Alexandre Kamhoua

DEVCOM Army Research Laboratory MD, USA

for contributions to blockchain and game theory applied to cybersecurity

Jacqueline J Le Moigne

NASA Headquarters Science Mission Directorate (SMD)/Earth Science Division (ESD) Earth Science Technology Office (ESTO) MD, USA

for contributions to satellite image registration and intelligent space systems design

Lingjia Liu

Virginia Tech VA, USA

for contributions to multi-cell multi-user MIMO and intelligent spectrum access

Timothy J Oshea

DeepSig VA, USA

for contributions to deep learning for physical layer communications and sensing

Yi Shi

Virginia Tech VA, USA

for contributions to wireless network performance optimization and wireless security

Natalia A Trayanova

Johns Hopkins University MD, USA

for contributions to personalized digital-twins and AI in arrhythmia diagnosis and treatment

Chunsheng Xin

National Science Foundation VA, USA

for contributions to secure resource sharing and core network control for resilient computing

Jianhua Yao

Tencent AI Lab MD, USA

for contributions to computer aided diagnosis, computational genomics and healthcare AI product development

3. We welcome the recently approved Senior Members:

Baltimore Section:

Ari Blankhorn

Subodh Harmalkar

Ernest Hibbs

Suzanne Keilson

Pramud Rawat

Northern Virginia Section:

Sreedhar Lanke

Rodolfo Martinez

Rajiv Sood

Roberto Corizzo

Chelsea Haughn

Weilang Huang

Sanjib Sarkar

Mayank Sharma

Merl Trimpe

Washington Section:

Hrishikesh Joshi

Sahil Shaw

Events Calendar:

Date/Time	Title	Speaker(s)	Primary Sponsor
Jan 13, 2025 06:30 PM	<u>Baltimore Section Executive Committee (ExCom) Meeting, 13 January 2025</u>		Baltimore Section Chapter
Jan 14, 2025 06:00 PM	<u>IEEE Northern Virginia section ExCom - January meeting</u>		Northern Virginia Section Chapter
Feb 10, 2025 06:30 PM	<u>Baltimore Section Executive Committee (ExCom) Meeting, 10 February 2025</u>		Baltimore Section Chapter

Date: January 13, 2025 (Monday)

Topic: Baltimore Section Executive Committee (ExCom) Meeting, 13 January 2025

Time: 6:30 PM

Place: Virtual

Registration: <https://events.vtools.ieee>.

Abstract: Monthly meeting of the IEEE Baltimore Section's executive committee.
The meeting is open to all Section members.

This meeting will be by videoconference only.

Presented by: Baltimore Section

Date: January 14, 2025 (Tuesday)

Topic: IEEE Northern Virginia section ExCom - January meeting

Time: 6:00 PM

Place: Westover Library, 1644 North McKinley Road, Arlington, VA (Longfellow Room)

Registration: <https://events.vtools.ieee>.

Abstract:

Presented by: Northern Virginia Section

Date: February 10, 2025 (Monday)

Topic: Baltimore Section Executive Committee (ExCom) Meeting, 10 February 2025

Time: 6:30 PM

Place: Virtual

Registration: <https://events.vtools.ieee>.

Abstract: Monthly meeting of the IEEE Baltimore Section's executive committee.
The meeting is open to all Section members.

This meeting will be by videoconference only.

Presented by: Baltimore Section