

IEEE North Jersey Section

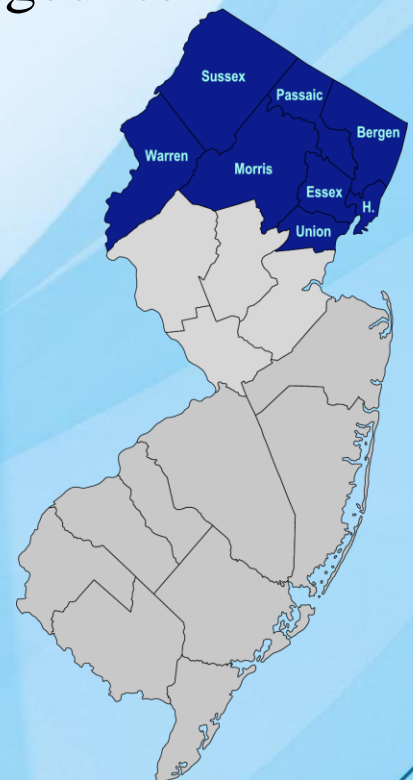
IEEE North Jersey Section

VOL. 71, NO. 02 Issue: February 2025

Prior registration is highly encouraged to attend any event.

IEEE North Jersey Section Website

IEEE North Jersey Section - Roster





Chair's Note - A Message from the IEEE North Jersey Section Chair, Dr. Emad Farag

As the days grow longer, we are reminded that spring is approaching, bringing with it a renewed sense of energy and excitement. The IEEE North Jersey Section has planned many activities and events over the next few months, ranging from technical talks to student events at various universities. Please check the newsletter and monitor your email for event announcements. We look forward to seeing you at these events.

This year, the Awards Banquet will be held on Sunday, May 4th, at the Birchwood Manor in Whippany, NJ. We are excited to announce that three members of our Section have been elevated to IEEE Fellows and will be recognized at the banquet. In addition to these recognitions, we will also celebrate the IEEE Region One awards and other accolades.

Come join us to honor the award recipients and socialize with fellow members. We look forward to seeing you at the Section events!

- *Emad Farag,*

IEEE North Jersey Section Chair

Schedule for the 2025 ExCom Meetings:

Month	Meeting Date	Venue
January	Wed: 08-Jan-25	Zoom Meeting
February	Wed: 05-Feb-25	Fairleigh Dickinson University, Teaneck + Zoom
March	Wed: 05-Mar-25	NJIT, Newark + Zoom
April	Wed: 02-Apr-25	Montclair State University, Montclair + Zoom
May	TBD	Awards Banquet: Hanover Manor (no Zoom)
June	Wed: 04-Jun-25	Montclair State University, Montclair + Zoom
August	TBD	Picnic: TBD (no Zoom)
September	Wed: 03-Sep-25	Fairleigh Dickinson University, Teaneck + Zoom
October	Wed: 01-Oct-25	NJIT, Newark + Zoom
November	Wed: 05-Nov-25	Nokia Bell Labs, New Providence + Zoom
December	TBD	End of year celebration: TBD (no Zoom)

As Edison Envisioned His Movies - *An article by Harry Roman*

I have spoken often of Thomas Edison as we are lucky because right in our geographical region is his famous West Orange Labs [the Thomas Edison National Historical Park-TENHP]. It was here he pioneered motion pictures and ultimately unified it with his previous innovation of recorded sound. He combined sight and sound ten years before it appeared in commercial movie theaters.

I enjoy Edison not only for his great inventions and innovations but for his visions of what technology might accomplish. Here is an example related to his movie accomplishments. I found this insight in a superb book about Edison, 'Edison and the Rise of Innovation' by Leonard DeGraaf, Archivist at TENHP. The foreword was written by the venerable Bill Gates. The action takes place on page 128/129, whereupon Edison mused to the Chicago Evening Post about his fledgling movie ideas. Here is a key excerpt from this encounter:

"When this invention shall have been perfected a man will be able to sit in his library at home and, having electrical connection with the theater, see reproduced on his wall or a piece of canvas the actors and hear anything they say"

The date of this interview was 1891. Does this not sound like our modern-day concept of a TV or broadcast studio, except Edison saw wires as the connecting technology. He did not envision electromagnetic waves to transmit the sight and sound, as would surely become the mainstay in the 1950s/60s.

In 1892/93, his famous Black Maria movie theater was constructed on the grounds of the modern TENHP and the romantic journey of moviemaking began. Today, visitors can see and tour a 1954 reproduction of the Black Maria. All movie theaters derive from this first motion picture studio.

Talk to you again soon...

Harry T. Roman, Life Senior Member

Author & Advisor, Edison Innovation Foundation

(Retired-PSE&G Co.) htroman49@aol.com

IEEE North Jersey Section's Education Committee Technology Review Series:**- Articles for Feb 2025****Article 1: Exploratory Data Analysis and Visualization Part 1**

This article covers a number of important aspects of working with data. Specifically issues around data's statistical properties, its cleanliness, its completeness, and its visualization. A handful of techniques related to using tools to manage the data are described, rooted in Anaconda Navigator's JupyterLab notebooks. Details about using the Python programming language ecosystem tailored for data science and demonstrating commonly used libraries like pandas, numpy, scipy, matplotlib, and others. The article will provide exposure to a swath of ideas in a logical progression. Some of the mentioned packages will be demonstrated in either analyzing data from a variety of sources or drawing different graph types to show aspects of the plotted data and results obtained from the analysis. Additionally, some of the built-in library functionality for gathering statistics about the data will be reviewed, and also how to manipulate Pandas dataframes by changing, reducing and augmenting the stored data for study.

<https://ap20.github.io/nnj/NL/edutechrev/ExploreDAandVisPart1.pdf>

Contact: Amit Patel email: a.j.patel@ieee.org

Article 2: AI-Driven Skin Cancer Detection: Enhancing Accuracy with Deep Learning Models

Skin cancer remains one of the most prevalent and deadliest disease conditions worldwide, emphasizing the need for early and accurate diagnosis. In this work, we have explored the use of deep learning techniques using Convolutional Neural Networks (CNNs), hybrid models, and ensemble methods, for automated skin lesion classification. Preprocessing steps, including image resizing, hair removal, contrast enhancement, and lesion cropping, were applied to improve model accuracy. We have utilized the International Skin Imaging Collaboration (ISIC) dataset for our work and compared the performance of deep learning models such as Simple CNN, Hybrid CNN-RNN, Ensemble models, and SVM classifiers, achieving a maximum test accuracy of 83.48% with SVM.

Despite advancements, challenges such as data imbalance, imaging inconsistencies, and model interpretability persist. Ensemble techniques demonstrate robustness by leveraging strengths across multiple architectures, while explainable AI tools like Grad-CAM enhance trust by providing visual insights into model predictions. Future work aims to address ethical concerns, expand datasets, and optimize computational efficiency to ensure reliable deployment in clinical settings.

https://ap20.github.io/nnj/NL/edutechrev/Project_Skin_Cancer_Prayash.pdf

Contact: Prayash Das pdas4@stevens.edu

SOME UPDATES FROM IEEE Women in Engineering



2025 IEEE Women in Engineering International Leadership Conference



Register Now!

<https://ieee-wie-ilc.org/registration/> **Early Bird Registration ends on 4 March 2025** Don't miss this chance to engage with leaders in engineering and technology.

#IEEEWIE #WIEILC2025

IEEE Women in Engineering (WIE) will celebrate the **2025 IEEE WIE Day** from 23rd June to 7th



July 2025. The theme of this year's IEEE WIE Day is **"Pioneering Safe Cyberspace: Women Bridging Technology and Light for Security"**

We are inviting you to be the IEEE WIE Day Ambassadors. As an ambassador, you will play a key role in promoting, motivating, and engaging this global event.

Please sign up to be the IEEE WIE Day ambassador via this [form](#) by **7th March 2025**. After signing up as a WIE Day Ambassador, please introduce yourselves as Ambassadors in the [IEEE WIE Global Network](#).

2025 IEEE WIE FORUM EAST



The IEEE Women in Engineering (WIE) Forum USA East is dedicated to fostering leadership development for professionals at every career stage. Rotating between IEEE Region 1 and Region 2 in the Northeast USA, our forum offers attendees the chance to gain inspiration and empowerment from renowned leaders. Through dynamic workshops and engaging panel discussions, participants will explore emerging technologies and innovative STEM outreach initiatives.



FDU
Gildart Haase School
of Computer Sciences
& Engineering

GRADUATE SCHOOL VIRTUAL OPEN HOUSE!

Tuesday, February 18, 2025, 5 p.m.

Fairleigh Dickinson University

Gildart Haase School of Computer Sciences & Engineering (GHSCSE)

Cybersecurity Leadership: "National Center of Academic Excellence for Cyber Defense Education (CAE-CDE)" by NSA

18 cutting-edge labs, among the best in the North and Mid-Atlantic Regions

Offers 6 Masters of Science (MS) Programs

*Cybersecurity & Information Assurance	*Management Information Systems
*Electrical Engineering	*Computer Engineering
*E-Commerce	*Computer Science (Data Science, Cloud Computing and more)

Scan Zoom Registration



Scan Grad Program Info







FDU
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of Computer Sciences
& Engineering

GRADUATE SCHOOL VIRTUAL OPEN HOUSE!

Tuesday, March 18, 2025, 5 p.m.

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Scan Zoom Registration



Scan Grad Program Info





Calendar of Events

Upcoming Events: February 2025 Onwards

Title	Date	Hosts	Location
IEEE AP-S SIGHT, AP-S COPE, and IEEE EPICS Projects: Antenna and Wireless Humanitarian Technology: North Jersey Section Jt Chapter, AP03/MTT17	01 Feb 2025 05:00 PM	CH01092, SIGHT177	Paterson, New Jersey Virtual View
Careers in Technology Spring Series 2025 - Eamon J Wall, Esq - 04 February 8 pm EST / 7 pm CST: Northwest Florida Section Chap, C16/COM19	05 Feb 2025 01:00 AM	C-FN772, CH01013, CH01027, CH01047, CH01056, CH01070, CH01285, CH02069, CH02127, CH02131, CH02139, CH02170, CH03009, CH03081, CH03197, CH03225, CH03254, CH04025, CH04040, CH04055, CH04165, CH05005, CH05056, CH05079, CH05227, CH06198, CH06254, CH06291, CH07198, HKN217, LM10345, LM30557, R10327, R20013, R20035, R30171, R30557, R40021, R50043, SIGHT119, STB07591, STB14028, STB63891, STB96971, WE20027	Virtual View
February ExCom Meeting: North Jersey Section	05 Feb 2025 11:30 PM	R10327	Teaneck, New Jersey

Title	Date	Hosts	Location
			Virtual View
Adopting AI: How Artificial Intelligence is changing my work life: Lehigh Valley Section Affinity Group, WIE	07 Feb 2025 12:00 AM	C-FN772, CH01070, CH02170, CH03197, R10327, R20027, WE20027	Virtual View
Emerging Digital Transmitters for Wireless Communication From RF to mm-Wave: North Jersey Section Jt Chapter, AP03/MTT17	11 Feb 2025 05:00 AM	CH01092, CH01178	Virtual View
Careers in Technology Spring Series 2025 - Rui Li, PhD - 11 February 8 pm EST / 7 pm CST: Northwest Florida Section Chap, C16/COM19	12 Feb 2025 01:00 AM	C-FN772, CH01013, CH01027, CH01047, CH01056, CH01070, CH01285, CH02069, CH02127, CH02131, CH02139, CH02170, CH03009, CH03081, CH03197, CH03225, CH03254, CH04025, CH04040, CH04055, CH04165, CH05005, CH05056, CH05079, CH05227, CH06198, CH06254, CH06291, CH07198, HKN217, LM10345, LM30557, R20013, R20035, R30171, R30557, R40021, R50043, SIGHT119, STB07591, STB14028, STB63891, STB96971, WE20027	Virtual View

Title	Date	Hosts	Location
A 40-minute Short Course on Artificial Intelligence: North Jersey Section Chapter, SP01	12 Feb 2025 05:00 PM	CH01091, CH01092, CH01177, CH01178	Virtual View
Robotics Seminar: Foster progress and sustainability in multiple sectors via robotics: Montclair State Univ	12 Feb 2025 07:00 PM	CH01081, CH01092, CH01096, CH01178, CH01278, STB21201	Montclair, New Jersey View
2025 7th IEEE 5G Workshop on First Responder and Tactical Networks: IEEE Future Networks Community	18 Feb 2025 12:30 PM	C-FN772, CH01250, CH02009, CH02109, R1, R10327, R10329, R10345, R2, R20003	Laurel, Maryland Virtual View
Improve Throughput in Characterization and Production: North Jersey Section Jt Chapter, AP03/MTT17	18 Feb 2025 06:00 PM	CH01092	Virtual View
Careers in Technology Spring Series 2025 - Alvin Chin, PhD - 18 February 8 pm EST / 7 pm CST: Northwest Florida Section Chap, C16/COM19	19 Feb 2025 01:00 AM	C-FN772, CH01013, CH01027, CH01047, CH01056, CH01070, CH01285, CH02069, CH02127, CH02131, CH02139, CH02170, CH03009, CH03081, CH03197, CH03225, CH03254, CH04025, CH04040, CH04055, CH04165, CH05005, CH05056, CH05079, CH05227, CH06198, CH06254, CH06291, CH07198, HKN217, LM10345, LM30557,	Virtual View

Title	Date	Hosts	Location
		R10327, R20013, R20035, R30171, R30557, R40021, R50043, SIGHT119, STB07591, STB14028, STB63891, STB96971, WE20027	
Towards an AI-native Air Interface in 6G: Machine Learning-based Channel State Information (CSI) Feedback Enhancement: North Jersey Section Jt Chapter, AP03/MTT17	19 Feb 2025 04:00 PM	CH01092, CH01178	Virtual View
Goal-Oriented Generative Semantic Communications with Multimodal LLMs: Philadelphia Section	20 Feb 2025 12:00 PM	C-FN772, CH01102, R10327, R2, R20035	Virtual View
Dry Type Transformer Fundamentals and Power Quality Solutions - Hammond (PLEASE NOTE NEW DATE & TIME): North Jersey Section Chapter, PE31	20 Feb 2025 01:00 PM	CH01081, CH01092, CH01097, CH01178	South Plainfield, New Jersey View
Internet of Vehicles in the Realms of VLC and FSO: North Jersey Section Chapter, VT06	21 Feb 2025 04:00 PM	CH01092, CH01153, CH01177, CH01178	Virtual View
Careers in Technology Spring Series 2025 - Peter James Kootsookos, PhD - 25 February 8 pm EST / 7 pm CST:	26 Feb 2025 01:00 AM	C-FN772, CH01013, CH01027, CH01047, CH01056, CH01070, CH01285, CH02069, CH02127, CH02131,	Virtual View

Title	Date	Hosts	Location
Northwest Florida Section Chap, C16/COM19		CH02139, CH02170, CH03009, CH03081, CH03197, CH03225, CH03254, CH04025, CH04040, CH04055, CH04165, CH05005, CH05056, CH05079, CH05227, CH06198, CH06254, CH06291, CH07198, HKN217, LM10345, LM30557, R20013, R20035, R30171, R30557, R40021, R50043, SIGHT119, STB07591, STB14028, STB63891, STB96971, WE20027	
IEEE North Jersey Student and YP Social Networking Event: North Jersey Section Affinity Group, YP	02 Mar 2025 01:00 AM	SIGHT177, YP10327	Jersey City, New Jersey View
Careers in Technology Spring Series 2025 - Elizabeth Alves - 04 March 8 pm EST / 7 pm CST: Northwest Florida Section Chap, C16/COM19	05 Mar 2025 01:00 AM	C-FN772, CH01013, CH01027, CH01047, CH01056, CH01070, CH01285, CH02069, CH02127, CH02131, CH02139, CH02170, CH03009, CH03081, CH03197, CH03225, CH03254, CH04025, CH04040, CH04055, CH04165, CH05005, CH05056, CH05079, CH05227, CH06198, CH06254, CH06291,	Virtual View

Title	Date	Hosts	Location
		CH07198, HKN217, LM10345, LM30557, R20013, R20035, R30171, R30557, R40021, R50043, SIGHT119, STB07591, STB14028, STB63891, STB96971, WE20027	
IEEE SSIT Lecture: Climate Change, from Fundamentals to Smart Solutions: UK and Ireland Section Chapter, SIT30	06 Mar 2025 06:00 PM	CH01285, CH03252, CH04055, CH08667, SIGHT060	Virtual View
Leveraging Intent-Driven rApps for Intelligent RAN Automation: Philadelphia Section	06 Mar 2025 11:00 PM	C-FN772, CH01092, CH01102, R10327, R2, R20035	Virtual View
The Meaning Behind the Signal: How Semantics are Transforming Wireless Communications: Philadelphia Section	20 Mar 2025 12:00 PM	C-FN772, CH01092, CH01102, R10327, R2, R20035	Virtual View
Terra North Jersey STEM Fair - IEEE Young Engineer Award 2025: North Jersey Section	23 Mar 2025 01:00 PM	C-FN772, CH01081, CH01092, CH01153, CH01178, R10327, SIGHT056, SIGHT177	Union, New Jersey View
2025 IEEE North Jersey Section Awards Reception: North Jersey Section	04 May 2025 07:00 PM	R10327	Whippany, New Jersey View

[For Past Month's Events – January 2025 - Click Here](#)

2025 IEEE North Jersey Section Volunteers

Executive Committee

Chair:	Emad Farag enfarag@ieee.org
First Vice-Chair:	Anisha Apte anisha_apte@ieee.org
Second Vice-Chair:	Alfredo Tan tan@fdu.edu
Secretary:	Avimanyou Vatsa avatsa@fdu.edu
Treasurer:	Weitian Wang wangw@montclair.edu
Member-at-Large	Michael Miller michaelamiller8@gmail.com Adriaan van Wijngaarden avw@ieee.org Yu-Dong Yao: yyao@stevens.edu
Junior Past Chair:	Hong Zhao zhao@fdu.edu
Senior Past Chair:	Ajay K. Poddar akpoddar@ieee.org

Society Chapters

<i>Aerospace Electronic Systems</i>	AES10	Chair: Cherif Chibane cherif.chibane@gmail.com Vice-Chair: Kirit Dixit kdixit@ieee.org
<i>Antennas and Propagation./ Microwave Theory and Techniques</i>	AP03/MTT17	Co-Chairs: Ajay Poddar akpoddar@ieee.org Edip Niver niver@adm.njit.edu Vice-Chair: Anisha Apte anisha_apte@ieee.org Secretary: Vishal Kumar tovpoddar@gmail.com
<i>Circuits and Systems/ Electron Devices</i>	CAS04/ED15	Chair: Durga Misra dmisra@njit.edu Vice Chair: Shaahin Angizi shaahin.angizi@njit.edu
<i>Communications</i>	COM19	Chair: Amit Patel a.j.patel@ieee.org
<i>Computer</i>	C16	Chair: Hong Zhao zhao@fdu.edu Vice Chair: Tao Han tao.han@njit.edu

*Computational
Intelligence Society*

Co-Chair: Prasenjit Bhadra prasenjit@ieee.org
 Manfred.Minimair Manfred.Minimair@shu.edu
Vice-Chair: Ratna Raj ratna.raj@njit.edu

Control Systems

CS23

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Vice-Chair: David Haessig
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Secretary: SangWoo Park
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*Electromagnetic
Compatibility/ Product
Safety Engineering*

EMC27/PSE43

Chair: Russell C. Pepe rcpepe@ieee.org

*Engineering in Medicine
and Biology*

EMB18

Chair: Yu-Dong Yao Yu-Dong.Yao@stevens.edu
Vice-Chair 1: Amrita Poddar
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Vice Chair 2: Elisa Kallioniemi
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Industrial Applications

IA34 (w. P/CJ)

Chair: Ken Oexle k.oexle@ieee.org

Information Theory

IT12 (w. NY)

Chair: Adriaan J. van
 Wijngaarden avw@ieee.org

*Instrumentation &
Measurement*

IM09

Chair: Russell C. Pepe rcpepe@ieee.org

Photonics

PHO36

Co-Chairs: Naresh Chand
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 Ajay Poddar akpoddar@ieee.org

Power & Energy

PE31

Co-Chairs: Ronald W. Quade
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Robotics & Automation

RA24

Chair: Mengchu Zhou zhou@njit.edu
Vice Chair: Shilpi Chakraborty shilpi@ieee.org

Signal Processing

SP01

Chair: Alfredo Tan tan@fdu.edu

Social Implications of Technology

Chair: Kirit Dixit kdixit@ieee.org
Vice Chair: Anujkumarsinh Donvir
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Systems, Man, and Cybernetics

SMC28

Chair: Weitian Wang wangw@montclair.edu

Technology & Engineering Management

TEMS14

Co-Chairs: Kirit Dixit kdixit@ieee.org
 Rakesh Singh rakeshsingh49@gmail.com

Vehicular Technology

VT06

Chair: Ionel Bajescu nelu108@yahoo.com
Vice-Chair: Dr. Muhammad Umer
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Committees

Audit Committee

Audit Committee

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Awards & Recognitions

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Educational Activities

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 Amit Patel a.j.patel@ieee.org

Employment Network

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 Naresh Chand chandnaresh@gmail.com

Govt. and Industrial Liaison

Chair: Cherif Chibane cherif.chibane@gmail.com

Group Coordination

Vacant

History Committee

Chair: Howard Leach h.leach@ieee.org

Legal

Chair: Amit Patel a.j.patel@ieee.org

Membership Development

Co-Chairs: Michael Newell msnewell@ieee.org

Ajay Poddar akpoddar@ieee.org

*MTT/AP Trade Show and
Mini- Symposium*

General Chair: Kirit Dixit kdixit@ieee.org

TPC Co-Chairs: George Kannel gkk@ieee.org

Ajay Poddar akpoddar@ieee.org

Event Organizing Committee:

Russell C. Pepe rcpepe@ieee.org

Newsletter

Chair: Anisha Apte anisha_apte@ieee.org

Vice-Chair: Kalyani Matey kalyanirajivshah@gmail.com

*Nominations &
Appointments*

Ajay Poddar akpoddar@ieee.org

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Durga Misra dmisra@njit.edu

PACE

Chair: Naresh Chand chandnaresh@gmail.com

Pre-University Committee

Co-Chairs: Chitra Venkatraman chitrav55@gmail.com

Craig Polk polk.craig@gmail.com

Program Review Committee

Chair: Alfredo Tan tan@fdu.edu

Members: Anisha Apte anisha_apte@ieee.org

Michael Miller michaelamiller8@gmail.com

Adriaan van Wijngaarden avw@ieee.org

Yu-Dong Yao yyao@stevens.edu

Student Activities Committee

Chair: Melvin Lewis mlewis@fdu.edu

Vice Chair: Rui Li liru@montclair.edu

*Student Representative
Committee*

Co-Chairs: Kalyan Mondal mondal@fdu.edu

Weitian Wang wangw@montclair.edu

Webmaster

Co-Chairs

Adriaan J. van Wijngaarden avw@ieee.org

Avimanyou Vatsa avatsa@fdu.edu

Affinity Groups & Councils

<i>Consultants Network</i>	CN	<p>Co-Chairs: Jim Julian consultant@jimjulian.com Jay Morreale p-brane@p-brane.com</p>
<i>LIFE Members</i>	LM	<p>Chair: Louis Fiore ltfiore@aol.com Treasurer: Stephen WILKOWSKI Stephen_WILKOWSKI@ieee.org Secretary: Michael Miller millerm@ieee.org Member at Large: Kenneth Oexle k.oexle@ieee.org,</p>
<i>Magnetic/UFFC/Sensor Council</i>		<p>Chair: Philip Pong philip.pong@njit.edu</p>
<i>Nanotechnology Council</i>		<p>Chair: Eui-Hyeok Yang ehyang@ieee.org</p>
<i>North Jersey SIGHT Group</i>		<p>Co-Chairs: Ajay Poddar akpoddar@ieee.org Anisha Apte anisha_apte@ieee.org Vice Chair: Vishal Kumar tovpoddar@gmail.com</p>
<i>Systems Council</i>		<p>Chair: Michael Newell msnewell2000@yahoo.com Vice Chair: Avimanyou Vatsa avatsa@fdu.edu</p>
<i>Women in Engineering</i>	WIE	<p>Co-Chairs: Chitra Venkatraman chitrav55@gmail.com Ratna Raj ratna.raj@njit.edu Vice-Chair: Rui Li liru@montclair.edu</p>
<i>Young Professionals</i>	YP	<p>Chair: Larry Yang yangl@ieee.com Vice-Chair Kalyani Matey kalyanirajivshah@gmail.com Vice Chair: Patrick Beesley Patrick.Beesley@se.com</p>

Student Branches

**County College of
Morris (CCM)**

**Fairleigh Dickinson
University (FDU)**

President: Daniel Uzodimma

Vice President: Kevin Fana

Treasurer: Mohammed Sikander

Secretary: Kalash Swami

**Montclair State
University**

Faculty Advisor Weitian Wang wangw@montclair.edu

**New Jersey Institute
of Technology (NJIT)**

Chair: Karina Tay kt53@njit.edu

Vice Chair 1: Timothy Knowles - tgk5@njit.edu

Vice Chair 2: Syed Haady Tariq-Shuiab - smt58@njit.edu

Treasurer: Rudra Mehta - rm279@njit.edu

Secretary: Mohammad Raza - mr43@njit.edu

Seton Hall University

Faculty Advisor: Manfred.Minimair Manfred.Minimair@shu.edu

Chair: Aalayah Cunningham aalayah.cunningham@student.shu.edu

Vice-Chair: Hansika Chawla hansika.chawla@student.shu.edu

Treasurer: Ashley Mathew ashley.mathew@student.shu.edu

Secretary: Jennifer Lawson jennifer.lawless@student.shu.edu

**Stevens Institute of
Technology**

**Union community
college**
