

IEEE Orlando Section Monthly

IEEE Orlando Section Monthly - Vol. 57, No. 8 - August 2023

2023 IEEE Orlando Section Awards and Scholarships

Outstanding Engineering Educator Award
Outstanding Engineer Award
Outstanding Service Award
Outstanding Entrepreneur Award
Outstanding Undergraduate Student Award
Outstanding Graduate Student Award

Undergraduate Student Scholarship
Graduate Student Scholarship

Application Deadline: Midnight, September 17th, 2023

Section/Society Chapter/Affinity Group Events

- [Sep. 15: Computer Society - Opportunities for Members](#)
- [Sep. 19: IEEE Orlando Section Executive Committee Meeting](#)
- [Oct. 14: IEEE Orlando Section Chapters Congress](#)

Section News

- [I2023 IEEE Orlando Section Awards and Scholarships - Due Sep. 17th](#)
- [Call for Volunteers for Chapter Officers and Committee Officers](#)

Member Recognition

- [IEEE Fellow, Dr. David Flinchbaugh to be inducted into the Florida Inventors Hall of Fame](#)

Reports/Newsletters

- [2nd Quarter 2023 IEEE-USA Consultants Newsletter](#)
- [IEEE Orlando Section Monthly - Aug. 2023: HTML - PDF](#)
- [June 2023 IEEE Membership Development Report](#)
- [IEEE Region 3 Newsletter](#)

IEEE Conferences/Annual Meetings/Workshops/Courses/Sponsored Events

- [Nov. 7-9: IEEE Digital Twins and Parallel Intelligence \(DTPI\) 2023, Call For Papers, Orlando, FL](#)
- [Feb. 21-23: 2024 International Microwave Filter Workshop \(IMFW\) at Cocoa Beach FL](#)

Other IEEE News/Events

- [IEEE Virtual Events in vTools](#)
 - [IEEE Virtual Events in IEEE Collabratec](#)
 - [IEEE Member Discounts](#)
 - [SOCIETY SENTINEL](#)
 - [The Institute Online](#)
 - [IEEE TA Spotlight](#)
 - [Latest IEEE-USA E-Books' Free Offerings to Members](#)
 - [IEEE MGA SCOOP NEWS](#)
 - [IEEE HISTORY CENTER NEWS](#)
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Computer Society - Opportunities for Members

The IEEE FWCS Computer Society, USF Computer Society, and Florida Polytechnic Computer Society are jointly hosting a half-day technical event at USF on **15 September**. Mark this on your calendar as a must-attend event, with a program that includes K-12, community colleges, universities, industry, and the Computer Society President-Elect keynote. Volunteers are sought for the planning committee, please contact Andy Seely at andrew.seely@ieee.org to volunteer. Register today: [Computer Society Tech Horizons Summit : vTools Events \(ieee.org\)](#)

IEEE Orlando Section Executive Committee Meeting

Date: Tuesday, September 19th, 2023

Time: 6:30 pm

Location: Valencia West Campus in Room 11-106

Cost: Meeting attendance is free to all IEEE members and Non-IEEE members.

RSVP: Kimberly Fullenkamp, kimfullenkamp@ieee.org

Website: www.ieee.org/orlando

A non-profit organization, IEEE is the world's largest professional association for the advancement of technology.

IEEE Orlando Section Chapters Congress

The IEEE Orlando Section is organizing a Section Chapters Congress on **Saturday, October 14, 2023** at the Valencia (West) Campus in Orlando, FL between 8.00 AM to 2.00 PM. We would encourage the section members to participate in this event and help us make it successful. The registration for this event will be up in the month of August. All attendees will be served breakfast and lunch. For more information on this event please contact the Section Chair, Varadraj Gurupur (varadrajprabhu@ieee.org) or the Vice Chair, Masood Ejaz (mejaz@valenciacollege.edu).

IEEE Fellow, Dr. David Flinchbaugh to be inducted into the Florida Inventors Hall of Fame

IEEE Fellow, David Flinchbaugh is among the world-class inventors who have been selected as 2023 Inductees to the Florida Inventors Hall of Fame.

CEO of Technology Applications International, and CTO of Advanced Medical Innovations, Dr. Flinchbaugh is a trained nuclear physicist, health physicist and prolific inventor across a number of scientific sectors. Among his leading inventions are: a) the UroCycler® which has been clinically proven to reduce 91% of fatal catheter-associated urinary tract infections; b) ROSA, the world's first Nuclear Service Robot—a complex, high-tech robotic system for the maintenance, decontamination, and refueling of nuclear reactor electric power generation facilities; and c) the first imaging laser radar system (as CEO and founder of Laser Optical Corp); among other breakthrough innovations. Flinchbaugh holds 11 U.S. patents and founded four Florida companies. He is a Fellow of IEEE, Laser Institute of America, Optica (formerly the Optical Society of America), and the Society of Manufacturing Engineers. He also received the Medical Excellence Award, the Association for the Advancement of Medical Instrumentation Award, and the DaVinci Award.

The 2023 Inductees constitute the ninth class to be inducted into the Florida Inventors Hall of Fame. They collectively hold more than 1,100 U.S. patents and come from across industry, academia, and government. Since its founding in 2013, the Florida Inventors Hall of Fame has inducted 68 inventors, who collectively hold nearly 5,100 U.S. patents.

The Florida Inventors Hall of Fame honors and celebrates inventors whose achievements have advanced the quality of life for Floridians, the state of Florida and the nation.

Inductees are selected annually through a nomination process open to all inventors (living or deceased) with a connection to the state of Florida. The nominations are reviewed by a Selection Committee made up of distinguished experts in relevant fields of innovation.

The 2023 class of distinguished inventors will be formally inducted into the Florida Inventors Hall of Fame at the [10th Anniversary Induction Ceremony and Gala](#) on **Friday, Oct. 6, 2023** at the Tampa Marriott Water Street in Downtown Tampa.

Call for Volunteers for Chapter Officers and Committee Officers

The Orlando Section is currently seeking volunteers for Chapter Officers and Committee Officers. Interested individuals should e-mail the Section Chair Varadraj Gurupur at Varadraj.Gurupur@ucf.edu to schedule an information session and interview.

[IEEE Member Discounts](#)

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