



IEEE Antennas and
Propagation Society

Newsletter

May 2023

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UPCOMING WEBINAR: OVERVIEW OF CUBE SATS: FROM CONCEPT TO ORBIT

Date: 18 May 2023 (Virtual)

Time: 6:30 PM to 8:30 PM EST (UTC-5:00)

Speaker: Dr. Reyhan Baktur

Antennas are critical components for CubeSat missions and provide some or all of the following functions: telemetry, tracking, command, high speed downlink for payload data, receiving positioning data, and inter-satellite cross links. To provide reliable and effective antenna solutions, it is important to understand the basics of CubeSat development cycle and link budget analysis...

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Promoting A Diverse and Inclusive Industry Workforce

16 May 2023 (Virtual)
2:30-4:30PM EST (UTC-5:00)

Speakers: Jacobus (Jim) Oschmann, Co-founder and Advisor at
Photonect Interconnect Solutions Inc.
Dalma Novak, VP of Engineering at Octane Wireless

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IEEE AP-S YP Webinar Series
24 May 3:00 PM - 4:30 PM CST (UTC +8)

 **Lecture 1: Theory of Characteristic Mode and its Application in Antenna Design**
Dr. Hui Li, Dalian University of Technology

Lecture 2: Recent Advances in Display-Integrated Millimeter Wave Antennas
Dr. Gangil Byun, Ulsan National Institute of Science and Technology



Register now:


<https://ieeeaps.org/>

IEEE AP-S Young Professionals Ambassador Webinar Series

Date: 24 May 2023 (Virtual)

Time: 3:00-4:30PM CST (UTC+8:00)

Speakers: Dr. Hui Li, Dalian University of Technology

Dr. Gangil Byun, Ulsan National Institute of Science and Technology

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IEEE Antennas and Propagation Society Fellowship Program

Description

The IEEE Antennas and Propagation Society (AP-S) allocated \$240,000 for its Fellowship Program in 2023. The program aims to promote areas of interest to AP-S among graduate students and postdoctoral fellows worldwide to facilitate their career pursuit in these areas. Researchers affiliated with an academic institution and mentored by a faculty or industry supervisor for the academic year 2023-2024 are invited to apply for support of their work on a proposed research project. The AP-S is committed to demographic, geographic, and disciplinary diversity in the selection of high merit applications.

Eligibility

To be eligible to apply:

- Both the applicant and their supervisor must be a member of the IEEE AP-S.
- Students must be currently admitted to a full-time Master's or Doctoral degree program at an accredited institution for the year 2023-2024.
- Postdoctoral applicants must hold a full-time appointment at an accredited institution for the academic year 2023-2024.
- Former AP-SF student recipients may apply again only as higher degree students (or postdoctoral fellows).
- A supervisor is not allowed to mentor more than one AP-SF applicant during 2023-2024.
- The AP-S Fellowship (APSF) may be held in conjunction with AP-S travel grants and other AP-S awards.

Value of Awards

- APSF value is US\$5,000 to support research project specified in application.
- APSF will be paid directly to the recipient (student or postdoctoral fellow).

Timeframe

- Project must continue for at least two semesters (26 academic weeks or longer) during the academic year 2023-2024.
- Project may commence on any date agreeable to both the student and the supervisor.
- APSF recipients are expected to remain active and engaged members of AP-S for 3 years from the date of award.

Project Site

- Students and postdoctoral fellows: accredited universities worldwide.
- Postdoctoral fellows only: Companies having a line of business in the AP-S areas of interests (listed below).

Advising Process

- Academic and industry supervisors must be individuals who are authorized by the university or company to conduct direct independent supervision of the student or postdoctoral fellow.

AP-S Graduate Student Fellowships

APSF valued at US\$5,000 to support research. All material must be submitted before 15 June, 2023.

[View the application here >](#)

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