

ECE SUMMER RESEARCH MENTORING LUNCH AND LEARN SPEAKER SERIES

# Summer Lunch & Learn Speaker Series



**TUESDAY, JUNE 30**  
**12:00PM EST**  
**COE A115**

## **Nathan Brooks, Ph.D.**

SENIOR TECHNICAL FELLOW FOR EM AND ANTENNA SYSTEMS, BOEING

**DR. NATHAN RAEN BROOKS** has over 20 years of experience in electromagnetics (EM) and numerical optimization, including graduate and postdoctoral research at the National High Magnetic Field Laboratory (NHMFL), the Center for Advanced Power Systems (CAPS), and the European Organization for Nuclear Research (CERN). He began his industry career with Argon ST in 2007 as part of the Advanced Technology group and is currently a Senior Technical Fellow for EM and Antenna Systems at Boeing. In this role, Dr. Brooks provides technical expertise and leadership for Boeing's Signal Intelligence (SIGINT) capabilities. He also leads and consults on the architecture and

algorithm development of Electronic Warfare (EW) antenna systems. His work has been instrumental in proposing, winning, and executing numerous advanced capability program contracts for military, government, and commercial customers, including DARPA and IARPA.



Brooks coordinates research collaborations with Historically Black Colleges and Universities (HBCUs), is an active member of several HBCU-focused organizations and currently serves as Boeing's Executive Sponsor for the Institute of Electrical and Electronics Engineers (IEEE).

## **ABOUT THE LUNCH & LEARN SERIES**

The lunch and learn (LNL) series was designed for FAMU-FSU College of Engineering collegiate participants in the ECE Summer Research Mentoring Program and our ACEE high school participants to learn more about various STEM careers and research. Lunches are sponsored by the ECE Education and Outreach Committee. This event cultivates a sense of community and networking environment between students and industry partners including KCNSC/Honeywell, Intel, Texas Instruments, ORETTTC, PNNL, LANL, FPL, Boeing, etc. During lunches, guest speakers will engage with participants virtually providing career awareness, academic preparedness, and/or skill development. **Scan to register to attend here:**



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