The 2019 IEEE National Aerospace & Electronics Conference (NAECON) will be held at the Holiday Inn Dayton/Fairborn I-675 2800 Presidential Dr, Fairborn, Ohio 45324 USA

NAECON (National Aerospace & Electronics Conference) is the oldest and premier IEEE Conference presenting research in all aspects of theory, design, and applications of aerospace systems and sensors.

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**NAECON 2019 Sessions**

**AES Focused Sessions:**
- Aerospace Power Systems and Avionics (Chairs: Zhenhua Jiang, UDRI, Daniel Schweikhart, AFRL)
- Autonomy (Chairs: Todd Jenkins, AFRL and Chris Stewart, OSU)
- Photonics Devices and Systems (Chairs: Nicholas Limberopoulos, AFRL, Paul McManamon, UD and Excite Technology)
- Radar, Tomography and RF sensing (Chairs: Brian Rigling, Wright State University and Bob Penno, UD)
- Cybersecurity and Trusted Systems (Chairs: Rob Williams, Discovery Lab Global, Randy Geiger, Iowa State and Nicholas Kovach, AFRL)
- Machine Learning, Guidance and Control (Chairs: Gary Lamont, AFIT, Trevor Bihl, AFRL and Matthew Sambora, AFLCMC)
- Terahertz and Millimeter Wave Devices (Chairs: Elliott Brown, Wright State University, Kubilay Sertel, The Ohio State University)

**CAS Focused Sessions:**
- Analog Devices and Processing (Chair: Dr. Jose Siva-Martinez, Texas A&M)
- Low SWaP Sensor Processing (Chairs: Kerry Hill and Marc Hoffman, AFRL)
- Emerging Electronics and Microsystems (Chairs: Soumyajit Mandal, Case Western Reserve University, and Vamsy Chodavarapu, UD)
- Digital Signal and Image Processing (Chairs: Keigo Hirakawa and Russell Hardie, UD)
- Deep Learning and Artificial Intelligence (Chairs: Nilesh Powar, UDRI and Tarek Taha, UD)

**Industry Demo Sessions (Friday, July 19th)**
- (Chairs: Annie Shen, Mike Deis, OU: Russ Research Center Facility)

We welcome proposals for Workshops and Special Focused Sessions by January 15, 2019 and Tutorials by March 31, 2019. See website for details (https://attend.ieee.org/naecon-2019/call-for-papers/call-for-tracks-tutorials-special-sessions/)