

IVEC EVENTS OCTOBER 19, 2020

- **Opening Remarks**
- **Mini-Courses**

Basics of TWT Amplifiers

Frederic Andrew, Thales AVS

Modern Brazing Techniques for Vacuum Electronic Devices

Scott Forrest, Communications and Power Industries

Spaceborne TWTs

Roberto Dionisio, European Space Research Centre

Additive Manufacturing for Vacuum Electronics

Tim Horn, North Carolina State University, and Diana Gamzina, SLAC National Accelerator Laboratory

Multipactor and Breakdown Susceptibility and Mitigation in Space-Based RF Systems

Peng Zhang, Michigan State University

Linear Beam Theory

John Booske, University of Wisconsin-Madison

Cathode Emission Mechanisms and Characteristics

Joan Yater, US Naval Research Laboratory

Vacuum Electronics Theory, Modeling and Simulation

Tom Antonsen, University of Maryland