Workshop Topic Details:

1. Radar and Communication Technologies, Circuits and Systems
   - T/R Module System/Design
   - Phased-Arrays: Basics, Past, and Future Trends
   - SiGe BiCMOS Technology for Phased Array Applications
   - Advances in GaAs/GaN Technology and Design for T/R Module Applications.

2. Electro-Optical Imaging Systems: Technology and Applications
   - Detectors and Readout Circuits
   - Imaging Systems

3. Electro- Micro and Nano Technologies
   - MEMS (RFMEMS, inertial, etc.)
   - Nanotechnologies/Nanoelectronics
   - Large-Scale Graphene for Nanoelectronics

4. Electro- Terahertz Technology and Systems
   - Present and Future of Terahertz Communications
   - Challenges of passive millimeter wave imaging

5. Packaging, Testing and Qualification
   - Reliability, Radiation Hardness
   - Testing & Qualification
   - Packaging & 3D Integration