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Research Theme

Electromagnetic and Nanoscale Materials and Manufacturing (ENMM)

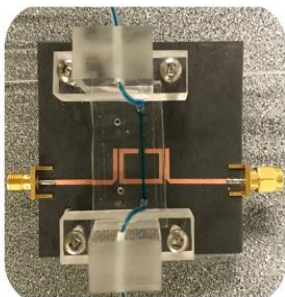
Research Areas

- Implantable Bio-devices
- Wearable bioSensors
- Integrated Sensors
- Microwave Oil/Gas Sensors
- Portable Sensors
- MEMS Mass Sensors
- Nano-Structures Integrated Sensors
- Dielectric Characterization of Materials

Research Facilities/Tools

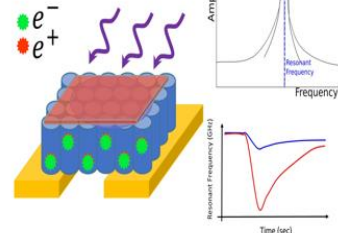
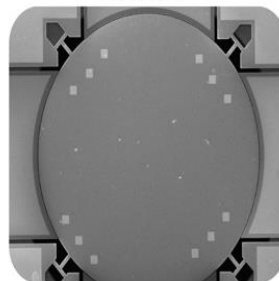
- Vector Network Analyzer
- Integrated Circuit Fabrication
- Microwave Sensors Fabrication
- Gas chamber
- High Precision Syringe Pumps

Microfluidics



Portable analyzers

MEMS Mass Sensor



Microwave Nano Sensor