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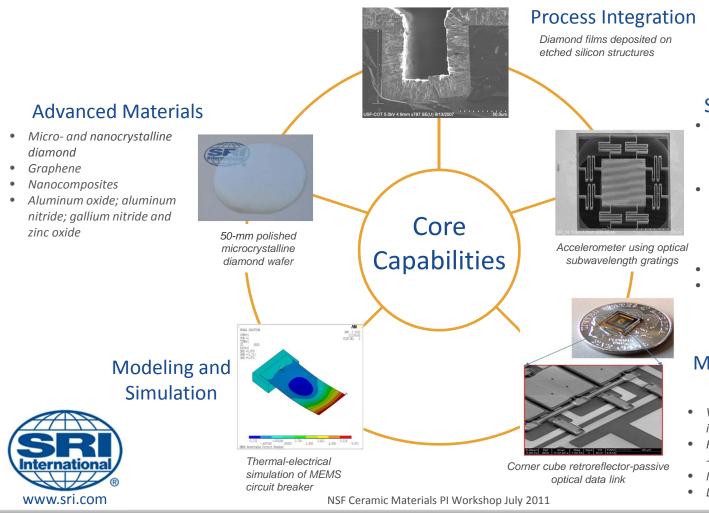
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#### Who we are

SRI International is an independent, nonprofit corporation with about 2,100 staff members in more than 20 locations worldwide.

#### MicroScience Engineering Laboratory, Physical Sciences Division

Utilizing the fields of microelectromechanical systems (MEMS) and materials science to develop innovative micro- and nanometer scale structures, sensors, and systems for real-world applications.



### Sensors and Actuators

- Multiparameter marine sensor, measuring conductivity (salinity), temperature and depth/pressure (CTD)
- Integrated weather sensor system featuring temperature, relative humidity, wind speed, barometric pressure, and light intensity all sensed on a single chip
- Acoustic transducer arrays
- Optical grating sensor and accelerometer

# MEMS System Design and Fabrication

- Visible imaging of nonvisible scene information
- Retro-reflective optical data communications
  corner cube reflector
- MEMS mirror arrays
- Direct optical readout of physical sensors