

AREAS OF INTEREST

- **Stress analysis (at macro, meso, micro, and nano scales)**
- **Failure Prediction and Prevention: Fracture and Fatigue (at macro, meso, micro, and nano scales)**
- **Vibrations and Machine Dynamics (Linear, Nonlinear, and Random Vibrations)**
- **Nonlinear Mechanics**
- **Stochastic Mechanics and Structural Reliability**
- **Composite Materials and Structures (including Nano composites)**
- **Computational Material Mechanics**