

Research Topic:

Laboratory: Structural Design & Analysis Lab.

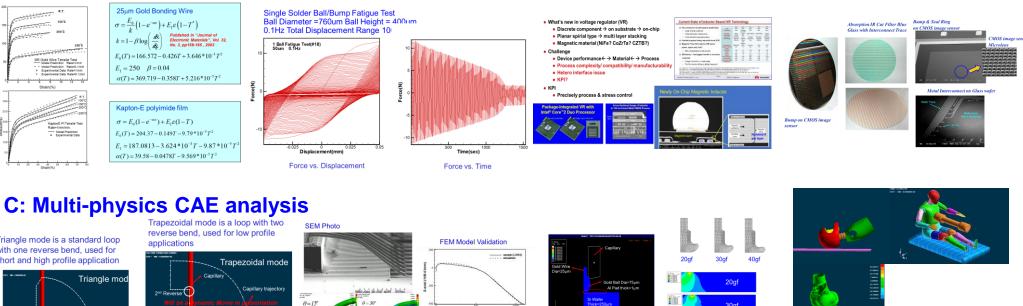
Department of Mechanical and Energy Engineering Advisor: Chao Yung-Ching Assistant Professor . Teaching Courses: Statics, Dynamics, Semiconductor Process Research Interests: Semiconductor process, Advance PKG, CAE Analysis **Contact Information:**



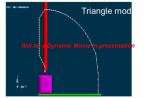
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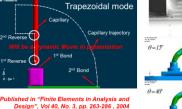
A: Property characterization for advanced semiconductor & PKG material

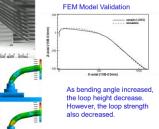
B: Advanced semiconductor process development



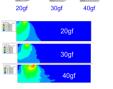
Triangle mode is a standard loop with one reverse bend, used for short and high profile application







1/2 Symmetry 2D FEM Model



Bonding Force on ELK Stress

Biomechanics and car safety dynamic analysis

Design and optimization of wire-looping process

Bonding stress on ELK