

Graduate Assistantship on Experimental Mechanics

A Research Assistant position for a graduate student is available at ASTL starting fall 2011. A graduate student pursuing PhD degree is preferred. The research will be focused on ultrasound-based damage detection. A bachelor's degree in mechanical engineering, aerospace engineering, or other related areas is required. Research experience in structural dynamics, solid mechanics, and/or instrumentations is preferred.

Qualification Requirements:

- Fundamental understanding of structural dynamics and solid mechanics
- Strong analytical skills in experiment observation and data interpretation
- Hands-on experience with the laboratory instrument (oscilloscope, multimeter, etc.)
- Proficiency with MATLAB programming
- Knowledge of VC++ or Labview programming and PC-based data acquisition is a plus
- Knowledge of signal theory and digital signal processing is a plus
- Knowledge of basic circuit theory is a plus

To apply for this position, please email detailed CV including TOEFL and GRE scores and Undergraduate/graduate transcripts to Prof. Haiying Huang.

Contact: Dr. Haiying Huang
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