Xiang (Shawn) Chen

Assistant Professor

Institute for Micromanufacturing,

Mechanical Engineering

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Specialization

Computational mechanics, multiscale modeling

Expertise

Concurrent atomistic and continuum modeling; phonon transport; dislocation   -interface interaction .

Education

PhD in Mechanical Engineering from the University of Florida (2016)

Research

Ongoing research in our group, supported by CIMM, focuses on the methodology development and application of a coarse   -grained atomistic modeling for the study of dislocation dynamics and the associated size effect in multilayered materials from nano-   to meso -scale .