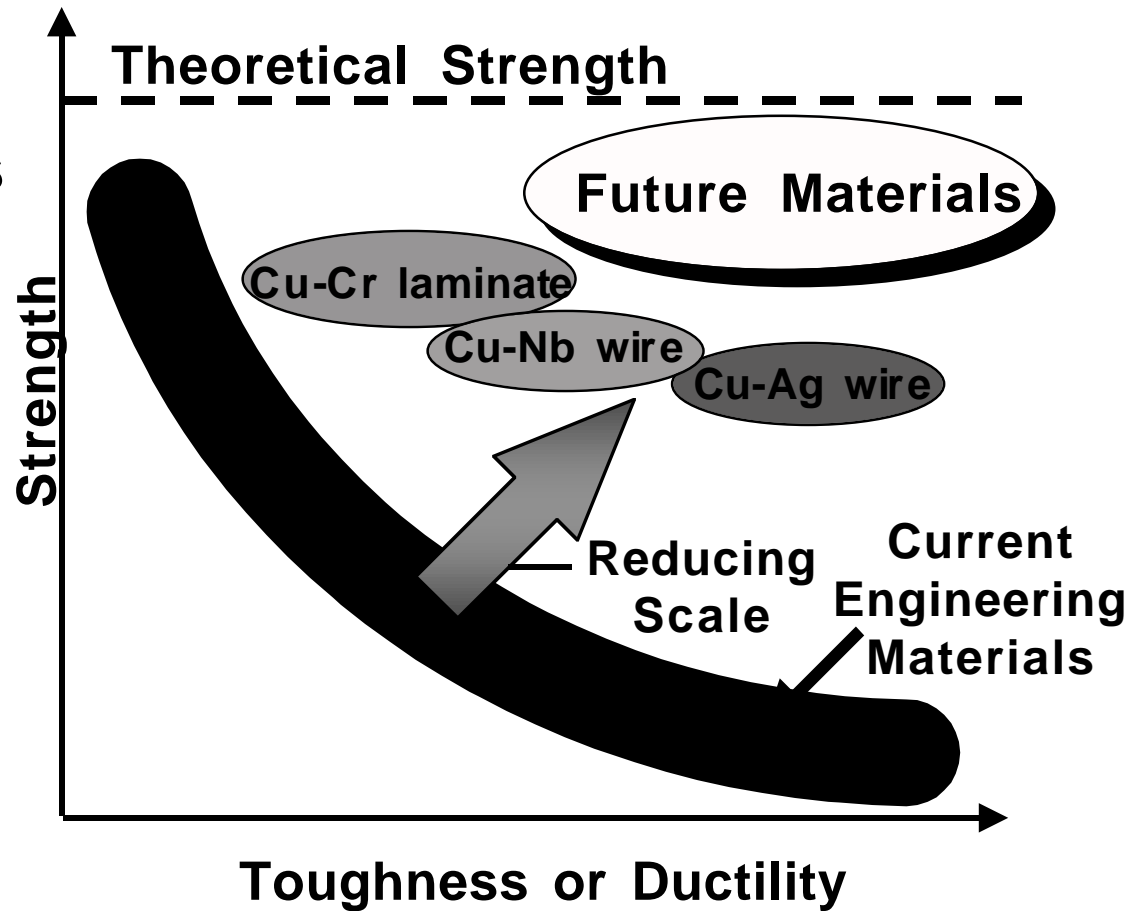
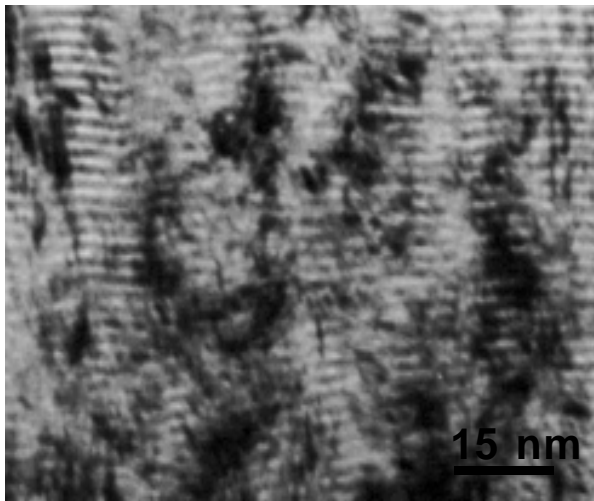


Designing and Developing Structural Materials of the Future

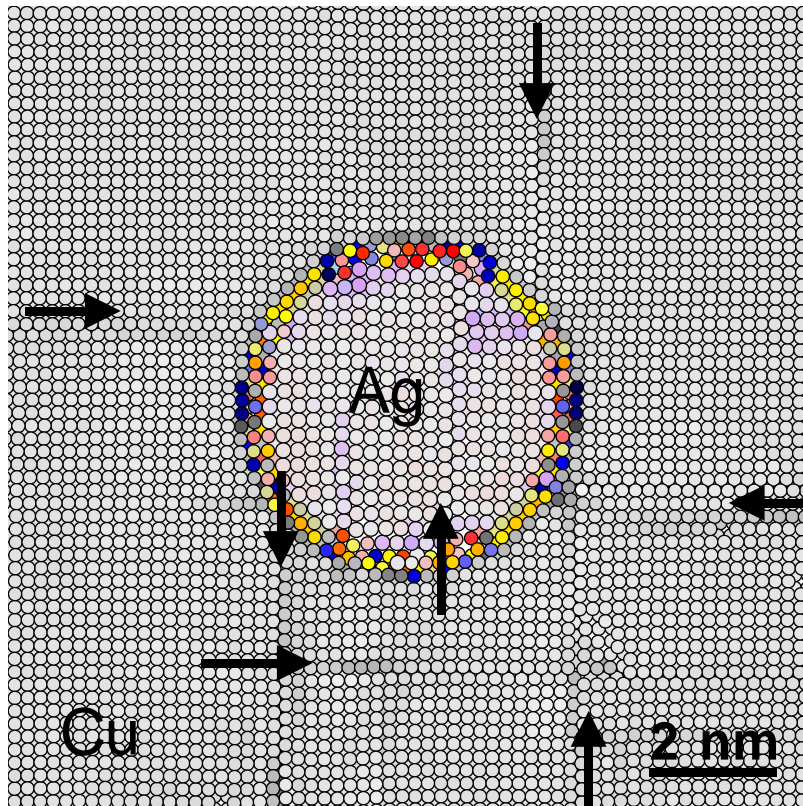
Cu/Cr Nanolayers



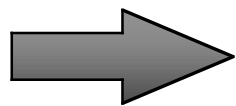
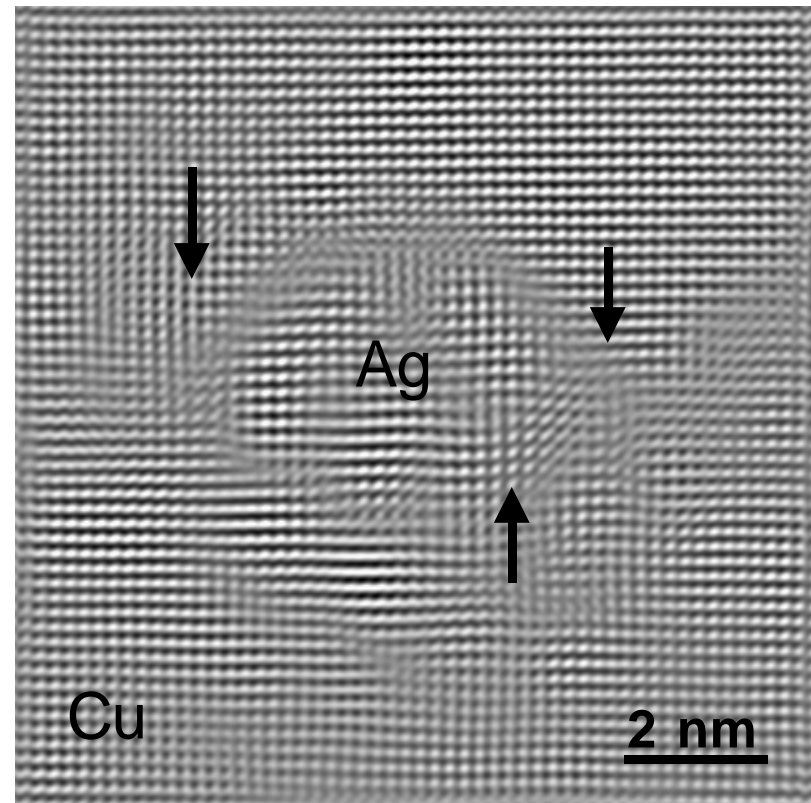
Nanostructured materials can transcend the limits of strength and ductility of current engineering materials.

Characterization of Deformation Physics of Nanostructured Materials by Integration of Experiment and Atomistic Simulation

Snap Shot of MD Simulation



High Resolution TEM Image



- Limits to current strengthening mechanisms
- Role of interface on slip transmission
- Dislocation/Interface Interactions

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