



Kai Cao

Technical Support Engineer II

“ Engineering Simulation has the potential to fundamentally reshape the way products are designed and manufactured .”

BIO

Before starting his career in ANSYS, Kai spent five years developing innovative numerical methods to study fluid-structure interaction of cardiovascular diseases. In addition to Multiphysics, Kai is also interested in Explicit Dynamics, nonlinear material and Additive Manufacturing

GOALS

- Deliver the best simulation technology to engineers
- Expand skill-set in response to new developments
- Help others learn simulation

Ansys EXPERIENCE

Kai has been helping customers solve a wide variety of complex engineering problems using ANSYS products. He also led and participated in other initiatives aimed at further improving customer experience and ANSYS products capability.

SPECIALTIES

- Fluid-structure Interaction
- Explicit Dynamics
- Multiphysics
- Contact & Material Modeling

INDUSTRY INTERESTS

- Consumer Products and Manufacturing
- Biomedical
- Electronics & semi-conductors

PROFESSIONAL

EDUCATION

Doctorate in Mechanical Engineering, University of Notre Dame

Bachelors in Engineering Mechanics, Shanghai Jiao Tong University, China

PERSONAL

INTERESTS

Reading, Outdoors, Technology, Cooking

LANGUAGES

English, Mandarin Chinese

COMPETENCIES

SIMULATION



ENGINEERING



LEADERSHIP



Ansys PHYSICS

