



# Lanbing Liu

Technical Support Engineer II

“Engineering problems are under-defined, there are many solutions, good, bad and indifferent. The art is to arrive at a good solution. This is a creative activity, involving imagination, intuition and deliberate choice”

## BIO

Lanbing found her interest in engineering in extracurricular research activities during her undergraduate. While pursuing PhD in materials science, Lanbing developed passion on multidiscipline research. She would like to contribute to the engineering world with her background in materials and electronics, experiments and simulations.

## GOALS

Explore the power of simulation to make engineering study more efficient.  
Enrich knowledge in science and technology while helping others.

## ANSYS EXPERIENCE

Since joining Ansys, Lanbing worked actively on creating Ansys Innovation Courses for Ansys electromagnetics tools, as well as interacting with students and customers on Ansys learning forum on electromagnetics questions. She is also working on providing support to Ansys customers tackling their problems in simulations.

## SPECIALTIES

- Electromagnetics
- Inductors & transformers
- Magnetic materials
- Additive manufacturing
- Power electronics

## INDUSTRY INTERESTS

- Automotive
- Wireless Power Transfer
- Advanced Manufacturing

## PROFESSIONAL

### EDUCATION

Doctorate in Materials Science and Engineering, Virginia Tech, USA

Bachelors in Materials Science and Engineering, Tianjin University, China

## PERSONAL

### INTERESTS

Badminton, swimming, singing, playing with cats.

### LANGUAGES

English, Chinese

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



### Ansys PHYSICS

