

# Stanford

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## Faya Wang

Lead Scientist, SLAC National Accelerator Laboratory

### Bio

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#### BIO

- 20-year scientific career in academia and national lab
- Pursuing research leadership position in high-impact cutting-edge tech organization
- Extensive hands on experience on particle accelerator and rf system
- Electron beam dynamics, beam optics, control system dynamics, accelerator design, electrodynamic, electromagnetic field, high power microwave system, beam and rf diagnostics, electromagnetic field design

#### HONORS AND AWARDS

- Early Career Award, US Department of Energy (2011)

#### EDUCATION AND CERTIFICATIONS

- PhD, University of Science and Technology of China , Physics of Particle Accelerator (2006)

### Professional

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#### WORK EXPERIENCE

- Staff Scientist - SLAC National Accelerator Laboratory (9/2006 - 11/2019)
- Professor - University of Science and Technology of China (11/2019 - 12/2021)