Stanford



Faya Wang

Accel Engineering Scientist, Stanford Synchrotron Radiation Lightsource

Bio

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, electrodynamics, 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

WORK EXPERIENCE

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