

Stanford



Gourab Chatterjee

Staff Scientist, SLAC National Accelerator Laboratory

Bio

BIO

2015: PhD in Physics, Tata Institute of Fundamental Research (TIFR), Mumbai, India

2015-2020: Postdoctoral researcher, Max Planck Institute for the Structure and Dynamics of Matter (MPSD), Center for Free-Electron Laser Science (CFEL), Hamburg, Germany

2020-2022: Staff scientist, Central Laser Facility (CLF), Science and Technology Facilities Council (STFC), Rutherford Appleton Laboratory (RAL), Oxfordshire, UK

2022-present: Staff scientist, Linac Coherent Light Source (LCLS), SLAC National Accelerator Laboratory, Stanford, USA

PERSONAL INTERESTS

Atomistic insight into optical control and quantum coherence with x-ray lasers

Novel high-average-power and mid-infrared lasers and multidimensional optical spectroscopy

Terawatt-to-petawatt intense lasers and plasma physics, fast electron transport and ultrafast laser-plasma interactions