

Dr. Haiwang Yong

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ACADEMIC APPOINTMENTS

University of California, San Diego (July 2023 - Present)

Assistant Professor

Department of Chemistry and Biochemistry

Program in Materials Science and Engineering

University of California, Irvine (June 2021 - June 2023)

Postdoctoral Scholar

Department of Chemistry

EDUCATION

Brown University (Aug. 2016 - May 2021)

Ph.D., Chemistry

University of Science and Technology of China (Aug. 2012 - July 2016)

B.S., Physics

AWARDS

- 2021, Faraday Division Horizon Prize, Royal Society of Chemistry, UK
- 2021, LCLS Young Investigator Award Finalist, SLAC National Accelerator Laboratory, USA
- 2018, Global Mobility Research Fellow, Brown University, USA

RESEARCH AREAS

Experimental Physical Chemistry; Theoretical Chemistry; Molecular Physics

Ultrafast X-ray Spectroscopy and Diffraction

Ultrafast Electron Diffraction

Time-Resolved Photoelectron Spectroscopy

Attosecond Molecular Dynamics

SERVICE

- 2025 - Present, Member of the Editorial Board of *Communications Chemistry*
- 2025 - Present, LCLS Proposal Review Panel, SLAC National Accelerator Laboratory, USA
- 2022 - 2028, Young Editor of *Ultrafast Science*, a science partner journal
- Grant Reviewer: *European Research Council (ERC) Synergy Grant*, *UK Research and Innovation (UKRI) Standard Research Grant*, *US National Science Foundation (NSF)*, and *US Department of Energy Office of Science (DOE SC)*.
- Journal Reviewer: *Sci. Adv.*, *Phys. Rev. Lett.*, *Phys. Rev. A/B/Applied/Research*, *Commun. Phys.*, *J. Phys. Chem. Lett.*, *J. Phys. B* and *IEEE. Trans. Biomed. Eng.*
- Conference Service: Organizer of the 7th Southern California Theoretical Chemistry Symposium (with Prof. Joel Yuen-Zhou, Prof. Wanlu Li and Prof. Francesco Paesani, Oct 2024), Oral Session Presider at ACS Fall Meeting (Aug 2024).

INVITED TALKS and CONFERENCES

- May 2025, Science Opportunities in Nonlinear Hard X-Ray Spectroscopy for Probing Chemical Dynamics in Dense Media Workshop, Linac Coherent Light Source, USA

- May 2025, Caught in Action: Time-Resolved Science at Lightsources Workshop, SLAC National Accelerator Laboratory, USA
- Sep 2024, Imaging Ultrafast Motion with Attosecond Hard X-Ray Pulses Workshop, The SSRL/LCLS Users' Meeting, California, USA
- April 2024, Chemistry & Biochemistry Department Seminar, San Diego State University, USA
- Dec 2023, Photon Science Seminar, SLAC National Accelerator Laboratory, USA
- March 2023, Physics Colloquia, Department of Physics, Kansas State University, USA
- Feb 2023, CSE AMO Physics Seminar, Argonne National Laboratory, USA
- Dec 2022, International Young Scholar Forum (Invited Lecture), Institute of Physics, Chinese Academy of Sciences, China (Virtual)
- Sep 2021, LCLS Young Investigator & Award Presentation (Invited Plenary Session), The SSRL/LCLS Users' Meeting, California, USA