Stanford

Kristjan Kunnus

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Bio

BIO

Kristjan Kunnus is the instrument lead of the ChemRIXS endstation at the Linac Coherent Light Source (LCLS), SLAC National Accelerator Laboratory.

His research focuses on the development of time-resolved soft X-ray spectroscopy methods for investigation of ultrafast chemical dynamics.

CURRENT ROLE AT STANFORD

Instrument Lead of the ChemRIXS endstation at the LCLS

LINKS

- ChemRIXS Instrument: https://lcls.slac.stanford.edu/instruments/neh-2-2

Publications

PUBLICATIONS

- **Tracking Cavity Formation in Electron Solvation: Insights from X-ray Spectroscopy and Theory** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*

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- **Quantifying the Steric Effect on Metal-Ligand Bonding in Fe Carbene Photosensitizers with Fe 2p3d Resonant Inelastic X-ray Scattering.** *Inorganic chemistry*
  Kunnus, K., Guo, M., Biasin, E., Larsen, C. B., Titus, C. J., Lee, S. J., Nordlund, D., Cordones, A. A., Uhlig, J., Gaffney, K. J.
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- **Capturing Atom-Specific Electronic Structural Dynamics of Transition-Metal Complexes with Ultrafast Soft X-Ray Spectroscopy.** *Annual review of physical chemistry*
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