



Roberto Alonso-Mori

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Roberto Alonso-Mori is a Senior Scientist and Head of the Biological Sciences (BIO) Department at the Linac Coherent Light Source (LCLS) at SLAC National Accelerator Laboratory. The BIO department supports a broad range of structural biology and biochemistry research by enabling high-impact user experiments and developing advanced capabilities for X-ray science at the frontiers of biological discovery. He also serves as the Lead for the Biochemistry and Condensed Phase Chemistry (B&CPC) Group. This group leads experiments focused on ultrafast photochemical dynamics in the condensed phase across multiple LCLS instruments using cutting-edge spectroscopy and scattering techniques. The department and group play key roles in driving scientific innovation through the LCLS Scientific Research and Development (SRD) Division, leading and contributing to the development of new experimental approaches, multimodal capabilities, and emerging applications in ultrafast bioscience and chemistry. He also serves as a Principal Investigator at the Stanford PULSE Institute, where he contributes to interdisciplinary programs advancing ultrafast science and enabling the study and control of dynamical processes in complex systems.

Dr. Roberto Alonso-Mori joined SLAC in 2010 after earning a Bachelor's degree in Physics from the University of Oviedo (Spain), a Master of Science in Physics from the University of Grenoble (France), and a Ph.D. in Earth Sciences from the University of Camerino (Italy). His graduate research was conducted at the European Synchrotron Radiation Facility (ESRF) in Grenoble, France. He began his SLAC career as a Research Associate supporting both SSRL and LCLS, and has since held various roles leading to his current positions in departmental and scientific leadership.