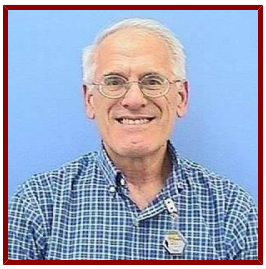
Stanford



Thomas A. Rabedeau

Distinguished Staff Engineer 6, Stanford Synchrotron Radiation Lightsource

Bio

BIO

Thomas Rabedeau is a Distinguished Staff Engineer focusing on special projects at the Stanford Synchrotron Radiation Lightsource (SSRL) at SLAC National Accelerator Laboratory. Prior roles at SLAC include 13 years as the SSRL Beam Line Systems Division Director, two years as the SSRL Electronics/Operations Division Director (acting), and nine years as the SLAC Radiation Safety Committee Chairperson (concurrent with SSRL division assignments). Prior to joining SLAC in 1993, he was a Visiting Scientist at IBM Almaden Research Center, Research Associate in Applied Physics at Harvard University, and Postdoctoral Fellow in Applied Physics at Harvard University.

Rabedeau's research interests center on enhancing performance of high heat load x-ray optics including cryogenic monochromators and mirrors, x-ray optic servos and automatic tuning systems for x-ray mirror pointing and optical surface shape control, and x-ray beam line development for novel short pulse capabilities.

CURRENT ROLE AT STANFORD

SSRL special projects engineer

HONORS AND AWARDS

- Director's Award – COVID Research and Operations Team, SLAC (2020)
- Director's Award – Recovery Task Force Team, SLAC (2020)

EDUCATION AND CERTIFICATIONS

- AB, University of California Berkeley , Physics (1979)
- MS, University of Washington , Physics (1983)
- PhD, University of Washington , Physics (1987)

LINKS

- Google Scholar: https://scholar.google.com/scholar?as_sdt=0,5&q=Thomas+Rabedeau&hl=en&as_vis=1

Publications

PUBLICATIONS

- **Experimental setup for high-resolution characterization of crystal optics for coherent X-ray beam applications.** *Journal of applied crystallography*

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