



JOHN BAHCALL COLLOQUIUM THE INSTITUTE AT SURF

SEPT–NOV 2026 | 9 A.M. MT • VIRTUAL

A monthly lecture series bringing together researchers from diverse disciplines in underground science and related fields to share new results, exchange ideas, and foster collaboration.



9
SEPT

THE NEMESIS EXPERIMENT

Speaker: Dr. W. H. Trzaska,
University of Jyväskylä

This talk will introduce NEMESIS (NEutron MEasurementS In SURF), a new experiment studying rare neutron signals deep underground at SURF. Learn how scientists separate potential discoveries from background noise and explore what these unusual events could reveal about dark matter and the fundamental nature of the universe.

14
OCT

SEARCHING FOR GRAVITATIONAL WAVES FROM THE BIG BANG

Speaker: Dr. Lyman A. Page,
Princeton University

This lecture will provide an overview of the cosmic microwave background (CMB) and examine the search for primordial gravitational waves with the Simons Observatory.

Available **virtually and in person** at the Sanford Lab Homestake Visitor Center (160 W Main St, Lead, SD).

11
NOV

FIBER-OPTIC SENSING AT SURF: FROM OPTICAL EXTENSOMETERS TO DAS

Speaker: Dr. Herbert Wang,
University of Wisconsin-Madison

This talk will trace the evolution of fiber-optic sensing research at SURF, from the GEOX collaboration to distributed acoustic sensing (DAS). Discover how light is being used to monitor the Earth's movements and advance the future of seismic research.

Sign up to join upcoming lectures and view past recordings at: institute.surf/JBC



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