

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Daniel S. Levin, Ph.D., research scientist, physics in the College of Literature, Science, and the Arts, retired from active faculty status on August 31, 2025.

Dr. Levin received his B.A. (1984) and M.Sc. (1986) degrees in physics from San Francisco State University, and his Ph.D. in physics (1990) from Boston University. He joined the University of Michigan as a postdoctoral research fellow in 1990 and was appointed assistant research scientist in 1994, associate research scientist in 2001, and research scientist in 2011.

Throughout his distinguished career, Dr. Levin has made profound contributions to experimental high-energy physics, particularly in the development of advanced particle detectors and instrumentation. He played a central role in the ATLAS experiment at CERN's Large Hadron Collider, where he was instrumental in the design and implementation of the muon spectrometer and in advancing key discoveries in particle physics. Dr. Levin was the first to serve as the combined muon performance group leader and as a member of the ATLAS Publication Committee. He played leading roles in several highly influential publications on searches for dark matter, lepton-jets, and other phenomena beyond the Standard Model.

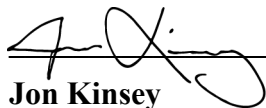
In addition to his contributions to fundamental physics, Dr. Levin has advanced detector technologies for medical and nuclear applications. Notably, he has developed real-time scintillator-based beam monitors for ultra-high dose-rate radiotherapy and ion beam research. His innovative, cross-disciplinary efforts have bridged the gap between basic research and applied science, extending the impact of his work well beyond the laboratory.

Dr. Levin is also an outstanding mentor who has guided numerous students and postdoctoral researchers, generously sharing his technical expertise and passion for rigorous, creative experimentation. His collaborative spirit has enriched the Department of Physics and strengthened the University of Michigan's leadership in both experimental and applied physics.

Over more than three decades at Michigan, Dr. Levin's career has exemplified the university's mission of advancing knowledge for the common good. His work has enhanced the precision, reach, and relevance of experimental physics and has inspired colleagues across disciplines.

The Regents now salute this distinguished scientist by naming **Daniel S. Levin, research scientist emeritus, physics**.

Requested by:



Jon Kinsey
Vice President and Secretary of the University

November 2025