



DEPARTMENT OF PHYSICS

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KENT IRWIN

**Faculty Type:**

Active Faculty

Title:

Professor of Physics and of Particle Physics and Astrophysics and of Photon Science

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Kent Irwin has a joint faculty appointment with the Physics Department and the Particle Physics and Astrophysics and Photon Science Departments of the SLAC National Accelerator Laboratory. He joins Stanford from the National Institute of Standards and Technology at Boulder, Colorado, where his research focussed on experiments to probe the nature of dark matter and dark energy, gravity at large scales, the mass and number of neutrino species, the characteristics of inflation and the cosmic gravity wave background, and the evolution of structure and disposition of baryonic matter in the universe.

CAREER HISTORY

- M.S. 1995, Stanford University
- Ph.D. 1995, Stanford University
- Postdoctoral Researcher, NIST, 1995-1996
- Physicist, NIST, 1996-2002
- Supervisory Physicist, NIST, 2002-2007
- Professor Adjoint, Astrophysics and Planetary Sciences, Univ. of Colorado, 2006-2013
- NIST Fellow, 2007-2013
- Professor of Physics and of Particle Physics and Astrophysics and Photon Science at SLAC National Accelerator Laboratory

HONORS

- Department of Commerce Gold Medal, DOC, 2012
- Fellow, American Physical Society, 2007

- Joseph F. Keithley Award, American Physical Society, 2007
- Arthur S. Flemming Award, George Washington University, 2006

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