Jack L. Ritchie

Curriculum Vita

Personal

Date of Birth: August 14, 1955
Place of Birth: Oklahoma City, Oklahoma
Citizenship: USA

Education

1983	Doctor of Philosophy in Physics, University of Rochester
1979	Master of Arts in Physics, University of Rochester
1977	Bachelor of Science in Physics with Honors, The University of Texas at Austin

Employment

2000 –	Professor of Physics, The University of Texas at Austin, September, 2000 to present
1999–2001	Senior Program Officer and Team Leader for Facilities Operations, Division of High Energy Physics, Office of Science, U.S. Department of Energy (on leave from the University of Texas at Austin)
1993–2000	Associate Professor of Physics, The University of Texas at Austin
1988–1993	Assistant Professor of Physics, The University of Texas at Austin
1986–1988	Acting Assistant Professor of Physics, Stanford University
1984–1986	Research Associate, Department of Physics, Stanford University
1983–1984	Research Associate, Department of Physics, University of Rochester

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Research

2002 – Member, BaBar experiment at the SLAC PEP-II B-factory

1990-1998 Co-spokesman, BNL E-871, an experiment on very rare K_L decays

1984-1990 Member, BNL E-791, an experiment on very rare K_L decays

Professional Services

1996-1998 Member, BNL High Energy and Nuclear Physics Program Advisory Committee

1994-1997 Member, SLAC Experimental Program Advisory Committee

1994 Member, HEPAP Subpanel on Vision for the Future of High-Energy Physics (Drell Panel)

1989-1992 Member, Executive Committee of the Brookhaven AGS Users Group

Selected Publications

D. Ambrose *et al.,* "Improved Branching Ratio Measurement for the Decay $K_L \rightarrow \mu^+\mu^-$," Phys. Rev. Lett., **84**, 1389(2000).

D. Ambrose *et al.,* "New Limit on Muon and Electron Lepton Number Violation from $K_L \rightarrow \mu e$," Phys. Rev. Lett., **81**, 5734(1998).

D. Ambrose *et al.,* "First Observation of the Rare Decay Mode $K_L \rightarrow e^+e^-$," Phys. Rev. Lett., **81**, 4309(1998).

Teaching

Currently teaching PHY 317K/L, a two semester introductory physics course aimed at pre-meds and chemistry majors.