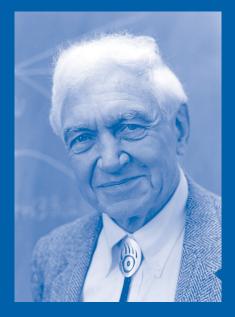


The Physics Department cordially invites you to be present at a

MEMORIAL SYMPOSIUM in honor of VERNON WILLARD HUGHES

1921–2003 Sterling Professor of Physics Emeritus



November 14-15, 2003

Sloane Physics Laboratory 217 Prospect Street, New Haven, CT 06520

Friday, November 14, 2003 Sloane Physics Laboratory, 217 Prospect St., Room 59					Saturday, November 15, 2003 sics Laboratory, 217 Prospect St., Room 59
		SessionJack SandweissChairmanDonner Professor of Physics,		Session III	
9:00 a.m.	Welcome Susan Hockfield		Yale University		
0115 a m	Provost, Yale University Introductory Remarks	2:20 p.m.	The Alpha Magnetic Spectrometer Experiment on the	Session Chairman	Thomas W. Appelquist Eugene Higgins Professor of Physics, Yale University
9:15 a.m	Francesco Iachello Josiah W. Gibbs Professor of Physics and Professor of Chemistry, Yale University		International Space Station Samuel Ting Thomas Dudley Cabot Professor of Physics, Massachusetts Institute of Technology	9:00 a.m.	The Spin of the Proton Robert L. Jaffe <i>Morningstar Professor of Physics,</i> <i>Massachusetts Institute of Technology</i>
	Session I	3:00 p.m.	Discovery of Muonium – The Early Experiments	9:40 a.m.	The Spin Structure of the Nucleon: A Hughes Legacy
Session Chairman	Charles Baltay Eugene Higgins Professor of Physics and Professor of Astronomy,		Richard Prepost Professor of Physics, University of Wisconsin		Gordon D. Cates Professor of Physics, University of Virginia
9:30 a.m.	Yale University The Neutron Electric Dipole Moment	3:40 p.m.	Muonium Lifetime and Heavy Quark Decays William J. Marciano	10:40 a.m.	Muon g-2: The Last Word? Ernst Sichtermann Division Fellow, Lawrence Berkeley National Laboratory

Norman Ramsey
Higgins Professor of
Physics Emeritus,
Harvard University

10:40 a.m.

Ultra Precise Optical Spectroscopy Theodor W. Haensch Professor of Physics, Max Planck Institute for Quantum Optics, Garching

11:20 a.m.

The 46 years of muon (g-2) Francis Farley Visiting Senior Research Scientist, Yale University

12:00 p.m.

Vernon Hughes: Valued colleague & friend Jack Steinberger Staff Member, CERN (retired) Senior Scientist, Brookhaven National Laboratory

4:50 p.m.

7:00 p.m.

Recent Theoretical Developmentsin Muon and Electron (g-2)Toichiro KinoshitaG. Smith Professor of Physics Emeritus,Cornell University

Symposium Banquet The New Haven Lawn Club, 193 Whitney Avenue

D. Allan Bromley, Presiding Sterling Professor of the Sciences, Yale University

On Vernon Hughes Gisbert zu Putlitz Professor of Physics, University of Heidelberg 11:20 a.m.

Session

Chairman

2:00 p.m.

2:40 p.m.

The Past, Present and Future of Muonium Klaus P. Jungmann Professor of Physics, University of Groningen

Session IV

Michael Zeller Henry Ford II Professor of Physics, Yale University
Parity Violation in Moller Scattering Emlyn W. Hughes Professor of Physics, California Institute of Technology
Exploring the Nucleon Spin: The Next Decade Abhay L. Deshpande RIKEN Fellow, Brookhaven National Laboratory

3:20 p.m.

Closing