

Daniel M. Kaplan

Education:

Haverford College	Physics	B.A.	1974
SUNY at Stony Brook	Physics	Ph.D.	1979

Positions:

Professor	Illinois Institute of Technology	2001–present
Associate Professor	Illinois Institute of Technology	1994–2001
Associate Professor	Northern Illinois University	1990–94
Assistant Professor	Northern Illinois University	1987–90
Staff Scientist	Physics Dept., Florida State University	1984–86
Associate Scientist	Fermi National Accelerator Laboratory	1982–84
Research Associate	Columbia University Nevis Laboratories	1978–82

Other Academic Experience:

Visiting Professor	Imperial College London	2003–4
Guest Scientist	Beams Division, Fermilab	1999–2000
Guest Scientist	Beams Division, Fermilab	1998–99

Ten Selected Publications:

D. M. Kaplan (for the TAPAS and AGE collaborations; invited talk), *Prospects for Antiproton Experiments at Fermilab*, to appear in Proc. LEAP 2011, TRIUMF, Vancouver, BC, Canada, April 27–May 1, 2011.

D. M. Kaplan, *Muon Cooling and Future Muon Facilities* (invited talk), in Proc. 33rd Int. Conf. on High-Energy Physics (ICHEP06), ed. A. Sissakian, G. Kozlov, E. Kolganova (Singapore, World Scientific, 2007), p. 27.

L. C. Lu *et al.*, *Measurement of the Asymmetry in the Decay $\Omega^+ \rightarrow \Lambda K^+ \rightarrow p\pi^+ K^+$* , Phys. Rev. Lett. **96**, 242001 (2006).

T. Holmstrom *et al.*, *Search for CP Violation in Charged-Xi and Lambda Hyperon Decays*, Phys. Rev. Lett. **93**, 262001 (2005).

D. M. Kaplan, *Muon Cooling Research and Development*, invited talk at Int. Workshop on Beam Cooling and Related Topics (COOL03), Mt. Fuji, Japan, 19–23 May 2003, Nucl. Instrum. Meth A **532**, 241 (2004).

M. M. Alsharo'a *et al.*, *Recent Progress in Neutrino Factory and Muon Collider Research within the Muon Collaboration*, Phys. Rev. ST Accel. Beams **6**, 081001 (2003).

J. Monroe *et al.*, *Design and Simulation of Muon Ionization Cooling Channels for the Fermilab Neutrino Factory Feasibility Study*, Phys. Rev. ST Accel. Beams **4**, 041301 (2001).

Feasibility Study-II of a Muon Based Neutrino Source, S. Ozaki, R. B. Palmer, M. S. Zisman, eds., Report BNL-52623 (2001), available from <http://www.cap.bnl.gov/mumu/studyii/FS2-report.html>.

W. R. Innes *et al.*, *Observation of Structure in the Upsilon Region*, Phys. Rev. Lett. **39**, 1240 (1977).

S. W. Herb *et al.*, *Observation of a Dimuon Resonance at 9.5 GeV in 400 GeV Proton-Nucleus Collisions*, Phys. Rev. Lett. **39**, 252 (1977).

Recent Synergistic Activities:

- Member and Secretary, Muon Accelerator Program Institutional Board, 2010–present.
- Co-organizer and chair of the *11th International Workshop on Neutrino Factories, Superbeams and Beta Beams (NuFact09)* at Illinois Institute of Technology, July 2009; co-edited NuFact09 Proceedings.
- Chair, MICE Editorial Board, 2005–2011.
- Chair, MICE Collaboration Board, 2004–2007.
- Director, IIT Center for Accelerator and Particle Physics, 2001–present.
- Principal Investigator, Illinois Consortium for Accelerator Research, 2000–2004.