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Education
1979 Ph.D. (Physics), University of Illinois, Urbana
1974 M.S. (Physics), University of Illinois, Urbana
1973 A.B. (Physics), Washington University, St. Louis

Professional Career

1998-present	Professor of Physics; Arizona State University
1992-1998	Associate Professor of Physics; Arizona State University
1989-1992	Assistant Professor of Physics; Arizona State University
1986-1989	Assistant Professor of Chemistry; New York University
1984-1986	Research Scientist; Courant Institute of Mathematical Sciences New York University
1982-1984	Post-Doctoral; Los Alamos National Laboratory
1979-1982	Associate Research Scientist; Courant Institute of Mathematical Sciences New York University

Visiting Positions

2006	Visiting Professor; Scuola Internazionale Superiore di Studi Avanzati, June-July
2005	Visiting Professor; Scuola Internazionale Superiore di Studi Avanzati, June-July
2004	Visiting Professor; Scuola Internazionale Superiore di Studi Avanzati, June-July
2003	Visiting Professor; Scuola Internazionale Superiore di Studi Avanzati, January-June
2002	Visiting Professor of Physics;

	University of Illinois, August-January
1996	Visiting Associate Professor;
	Cornell Theory Center, January-July
1995	Visiting Scientist;
	International Center for Theoretical Physics and
	Scuola Internazionale Superiore di Studi Avanzati, August-December
1992	Visiting Professor of Physics;
	Kent State University, July.

Honors and Societies

Fellow of the American Physical Society
Member of Sigma Xi
Member of Phi Beta Kappa

Publications

1. K.E. Schmidt and V.R. Pandharipande, "Variational Theory of Simple Bose Fluids," Phys. Rev. **A15**, 2486-2495 (1977).

2. K.E. Schmidt and V.R. Pandharipande, "A New Variational Wave Function for Liquid ^3He," Phys. Rev. **B19**, 2504-2519 (1979).

3. K.E. Schmidt and V.R. Pandharipande, "Variational Theory of Nuclear Matter at Finite Temperatures," Phys. Lett. **87B** , 11-14 (1979).

4. K.E. Schmidt and V.R.Pandharipande, "Improved Variational Wave Functions for Simple Quantum Fluids," Nuc. Phys. **A328**, 240-252 (1979).

5. K.E. Schmidt and V.R. Pandharipande, "Variational Calculations of the Excited States of Liquid ^4He," Phys. Rev. **B21**, 3945-3955 (1980).

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7. M.A. Lee, K.E. Schmidt, M.H. Kalos, G.V. Chester, "A Green's function Monte Carlo Calculation of the Ground-State Energy of Liquid ^3He," Phys. Rev. Lett. **46**, 728-731 (1981).

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9. J.W. Moskowitz, K.E. Schmidt, M.A. Lee, M.H. Kalos, "Monte Carlo Variational Study of Be: A Survey of Correlated Wave Functions," J. Chem. Phys. **76**, 1064-1067 (1982).

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11. J.G. Zabolitzky, K.E. Schmidt, M.H. Kalos, "Exact Ground States of Few-Body Nuclei with and without Three-body Forces", Phys. Rev. **C25**, 1111-1113 (1982).

12. R.M. Panoff, J.W. Clark, M.A. Lee, K.E. Schmidt, M.H. Kalos, and G.V. Chester, "Variational Monte Carlo Calculations for Spin Aligned Deuterium," Phys. Rev. Lett. **48**, 1675-1677 (1982).

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15. K.E. Schmidt, "Using Renormalization Group Ideas in Monte Carlo Sampling," Phys. Rev. Lett. **51**, 2175-2178 (1983).

16. M.A. Lee, K.A. Motakabbir, K.E. Schmidt, "Applications of Green's Function Monte Carlo to One-Dimensional Lattice Fermions," Lect. Notes in Phys. **198**, 391-397 (1984).

17. K.E. Schmidt and M.H. Kalos, "Few- and Many-Fermion Problems," in Applications of the Monte Carlo Method in Statistical Physics II, Ed. K. Binder, pp. 125-143, (Springer, Verlag, Berlin) 1984.

18. K.E. Schmidt, "Droplets of ^3He Atoms," in Monte Carlo Methods in Quantum Physics, Ed. M.H. Kalos, pp 33-39 (Reidel, Dordrecht, 1984).

19. J. W. Moskowitz and K.E. Schmidt, "Can Monte Carlo Methods Achieve Chemical Accuracy," in Monte Carlo Methods in Quantum Physics, Ed. M.H. Kalos, pp 59-70 (Reidel, Dordrecht, 1984).

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