

Chii-Dong Lin

Title: University Distinguished Professor (since 1990)

Department of Physics, Kansas State University, Manhattan, KS 66502
Associated Director, J. R. MacDonald Laboratory, Kansas State University

Education:

Postdoctoral Fellow, Harvard University 1974-1976

Ph. D. University of Chicago, 1974

B. S. National Taiwan University, 1969

Experience:

- **University Distinguished Professor, 1990-present**
- Visiting Scholar, National Center for theoretical Sciences, Taiwan 2004
- JILA visiting fellow May-November 1995
- Visiting Professor, National Chiao-Tung University, Taiwan, Jan-July 1996
- Visiting Professor, National Taiwan University, Jan. 1987-July 1987
- Argonne Visiting Scientist, Sept. 1986-Jan. 1987
- Professor, Kansas State University, 1984-Present
- Associate Professor, Kansas State University, 1980-1984
- Assistant Professor, Kansas State University, 1976-1980

Honors:

- SLOAN FELLOWSHIP, 1979-83
- **Fellow, American Physical Society, 1986**
- NORDITA FELLOWSHIP 1990 summer
- Distinguished Visiting Scholar, RIKEN, Japan, December 1995

Publications:

A total of **264 papers** in refereed journals (excluding conference proceedings) as at the end of December, 2003, including 13 papers in Physical Review Letters, 4 review articles, two book sections and 1 Encyclopedia chapter.

Complete list: see <http://www.phys.ksu.edu/~cdlin/mainlink.html>

Books published:

- *Review of Fundamental Processes and Applications of Atoms and Ions*, editor, World Scientific, 1993
- “Slow and fast collisions of atoms, ions and molecules”, with F. Martin, A chapter in *Encyclopedia of Scattering*, Academic Press, 2001.

Committees of Professional Organizations (More recent ones)

- 16th International Few-body conference, Scientific Committee, 1999-2000
- Coorganizer for the workshop on " three- and four-body problems in Physics and Chemistry" Nov. 2-5, 1999
- DAMOP Fellowship Committee, 2001-2003

Invited Talks (2002-2003)

- "Hyperspherical close-coupling method for ion-atom collisions at low energies", Workshop on adiabatic transitions, Moscow-Chernogolovska, **Aug 4-7, 2003**.
- " Dissociation dynamics of H₂/D₂ molecules in intense laser fields", First Canadian workshop on ultrafast dynamics, Orford, Quebec, Canada. **October 1-3, 2003**.
- "Double ionization of D₂ in a laser field", Workshop on Attosecond Physics, Institute of theoretical atomic, molecular and optical physics, Harvard University, Cambridge, Mass. **November 20-22, 2003**.
- Hyperspherical approach: Introductory talk in " Resonances and Reflections: Profiles of Ugo Fano's Physics and its Influences", **July 24-26, 2002**, Harvard-Smithsonian Center of Theoretical Atomic, Molecular and Optical Physics.
- " Double photoionization and transfer ionization of He: Shakeoff Theory revisited" in Workshop on Multielectron correlations in Atoms and Molecules, Bad Honnef, Germany, **June 1-8, 2002**.
- " Charge transfer cross sections at low energies and transfer ionization at high energies", Workshop on Ion-storage Ring Physics, Lanzhou, China, **August 12-15, 2002**.