



Chii-Dong Lin

Title: University Distinguished Professor
Associate Director of the J. R. Macdonald Laboratory
Department of Physics, Kansas State University, Manhattan, KS 6650

Education:

Postdoc fellow, Harvard University, 1974-6 (Mentor: Alex Dalgarno)
Ph. D. University of Chicago, 1974 (Advisor: Ugo Fano)
B. S. National Taiwan University, 1969

Honors (since 2009):

- A JSPS (Japan Society for the Promotion of Science) visiting Fellow (Oct-Dec, 2012)
- A FAST Fellow—named lecture series speaker at ETH, Switzerland (September, 2012)
- Named Top 150 scientists of Kansas by Ad Astra Kansas Initiative
- Olin Petefish award –Higuchi-KU endowment 2010
- Outstanding Referee of the American Physical Society 2009

Committees of Professional Organizations (current)

- ICOMP Program Committee 2011-17
- Attosecond Conference Program Committee 2011-2016
- DAMOP Nomination Committee 2013-2015

Current Research support (about 600k/year)

2014-2017 NSF-EPSCoR Track 2 Research Grant between Nebraska and Kansas State
(total \$6,000k for 3 years. My portion is \$230k excluding Fringe and overhead)
2013-2016 CoPI with a grant via MIT, AFOSR (\$195k for 3 years –KSU portion)
2012-2015 Single P.I. DOE imaging grant (\$459,000 for 3 years)
2012-2015 DOE –JRM grant, Co-PI (my portion is \$289,000 per year)

Citation Counts : (Data of 2/13/2015)

Web of science: # papers published: 394; Total citations: 10127 H-index= 50
Google scholar: total citations: 11996 H-index= 56

Key contributions to strong field physics: MO-ADK, QRS, LIED theories

Current research

*High-order harmonic generation with MIR lasers;
laser-induced electron diffraction from polyatomic molecules;
waveform synthesis of harmonic enhancement;
characterization of attosecond pulses;
transient absorption with attosecond pulses in the laser field.
Molecular imaging from within with photoelectrons from inner shells.*