

Yen-Ting Lin

CONTACT INFORMATION Department of Astrophysical Sciences Phone: (609) 258-8052
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EDUCATION Ph.D., Astronomy, University of Illinois at Urbana-Champaign August 2005
Advisor: Prof. Joseph J. Mohr
Thesis: *Fundamental Properties of Galaxy Clusters: a Prelude to Large Scale Sunyaev-Zel'dovich Effect/Near-IR Cluster Surveys*
B.Sc., Physics, National Taiwan University May 1999

RESEARCH INTERESTS **Cosmology:** structure formation; cosmic microwave background radiation
Galaxy Clusters: formation and evolution; structure; galaxy population evolution; intracluster medium enrichment and heating; cluster survey; brightest cluster galaxies and intracluster light
Galaxies: formation and evolution; morphological transformation; interactions; star formation

POSITIONS Princeton-Católica Fellow 2005-present
Summer Student, Hat Creek Radio Observatory, UC Berkeley 2002
Graduate Research Assistant, University of Illinois 2001-2005
Graduate Teaching Assistant, University of Illinois 1999-2001
Summer Student, Institute of Astronomy and Astrophysics, Academia Sinica 1998

HONORS AND AWARDS Princeton-Católica Fellowship 2005-2008
National Taiwan University: President Awards 1995,1996,1998

RESEARCH GRANTS "Evolution of Baryons in Galaxy Clusters" 2005-2007
(Chandra AR6-7018X, PI: Lin), \$45k

OBSERVING EXPERIENCE **Optical/IR:** Gemini (GNIRS); Magellan (LDSS3, IMACS); MMT (Flamingos); KPNO 4m & 2m; CTIO 4m; APO 3.5m; DuPont 2.5m
Radio: Very Large Array; Berkeley-Illinois-Maryland Association Array

PROFESSIONAL SERVICES Referee for ApJ and MNRAS

PROFESSIONAL SOCIETIES American Astronomical Society 1999-present

COMPUTER SKILLS Languages: C, shell scripting, SQL, HTML
Applications: SuperMongo, Mathematica, IDL, L^AT_EX, IRAF, AIPS, Gnuplot
Operating Systems: Unix, Linux, Mac OSX, Windows

PERSONAL INFORMATION Date of Birth: December 8, 1976
Place of Birth: Taipei, Taiwan
Citizenship: Taiwan
Marital Status: Married

REFERENCES

Dr. Joseph J. Mohr

Astronomy and Physics Departments, University of Illinois at Urbana-Champaign; jmohr@uiuc.edu

Dr. David N. Spergel

Department of Astrophysical Sciences, Princeton University; dns@astro.princeton.edu

Dr. Anthony H. Gonzalez

Departments of Astronomy, University of Florida; anthony@astro.ufl.edu

Dr. R. Bruce Partridge

Departments of Physics and Astronomy, Haverford College; bpartrid@haverford.edu

SELECTED INVITED
AND CONTRIBUTED
TALKS

Lunch talk, OIR division, CfA, Cambridge, MA, Oct. 2007

Colloquium, National Tsing Hua University, Taiwan, Jun. 2007

Lunch talk, ASIAA, Taiwan, Jun. 2007

Oral presentation, Aspen Winter Workshop “Clusters of Galaxies as Cosmological Probes”, Aspen, CO, Feb. 2007

Oral presentation, LENAC workshop, Guaruja, Brazil, Oct. 2006

Wednesday lunch talk, Princeton University Observatory, Princeton, NJ, Mar. 2006

Colloquium, ASIAA, Taiwan, Jan. 2006

Oral presentation, 207th AAS meeting, Washington DC, Jan. 2006

Seminar, Pontificia Universidad Católica de Chile, Santiago, Chile, Nov. 2005

Oral presentation, Fermilab workshop “Fundamental Physics from Galaxy Clusters”, Batavia, IL, Dec. 2004