

Curriculum Vitae

Janet M. Conrad

Personal Data:

Address: Building 26, Room 537,
Massachusetts Institute of Technology,
77 Massachusetts Ave,
Cambridge, MA 02139
(617) 324-6281; conrad@mit.edu
Birth: October 23, 1963, Wooster, Ohio, U.S.

Education:

1986–1993 Harvard University, Ph.D., High Energy Physics
1985–1987 Oxford University, M.Sc., High Energy Physics
1981–1985 Swarthmore College, B.A., Physics

Academic Positions:

2008- Professor, Physics Dept., Massachusetts Institute of Technology
2006–2008 Walter O. Lecroy Professor of Physics, Columbia University
1999–2006 Associate Professor, Physics Dept., Columbia University
1995–1999 Assistant Professor, Physics Department, Columbia University

Research Positions:

1999, 2000 Visiting Associate Head, Beams Division, FNAL
1993–1995 Postdoctoral Research Associate, Nevis Laboratories,
Columbia University

Present Participation in Experiments:

since 2014 IceCube Collaboration
since 2013 SBND Collaboration
since 2010 IsoDAR/DAE δ ALUS Collaboration, *Co-spokesperson*
since 2006 MicroBooNE/MiniBooNE Collaboration

Past Experiments:

2006-2014 Double Chooz Collaboration
2005-2011 SciBooNE Collaboration
1997-2014 MiniBooNE Collaboration, *Co-spokesperson though 2007*
1993-2001 CCFR/NuTeV Collaboration
1984-1996 E665 Collaboration
1985-1986 EMC Collaboration

Scientific Awards:

Amar G. Bose Fellow, 2014
Guggenheim Fellow, 2009
Fellow of the American Physical Society, 2003
The New York City Mayor's Award for Excellence in
Science and Technology, Young Investigator, 2001
The Maria Goeppert-Mayer Award from the American Physical Society, 2001
Alfred P. Sloan Research Fellow, 2000
Presidential Early Career Award for Scientists and Engineers, 1999
NSF CAREER Award, 1998
DOE Outstanding Junior Investigator, 1996
NSF Career Advancement Award, 1996
AAUW American Dissertation Fellowship, 1991-92
Harvard Physics Dept. (K.T. Bainbridge) Award 1988
Keasbey Foundation Fellowship, 1986-87

Teaching and Mentoring Awards:

Committed to Caring Honoree, MIT Office of Dean of Graduate Studies, 2016
American Physical Society CWSP Woman Physicist of the Month, August, 2013
Columbia Distinguished Faculty Fellow, 2005-2008

Honorary Lectures and Positions:

Sackler Distinguished Lecturer in Physics, 2017
Robert E. Bell Lecture, McGill University, 2013
Temporary Member of the Graduate Faculty, University of Alabama, 2011-2014
Distinguished Women Scientists Lecture Series, University of Texas, Austin, 2006
Boris Jacobson Prize Lecture, University of Washington, 2005
U.S. Frontiers of Science Prize Lecture at National Academy of Sciences, 2004

Recent Plenary Sessions, School Lectures and Invited Talks:

Theory Advances Summer Institute, 2018
New Probes of Physics Beyond the Standard Model, KITP, UCSB, 2018
Tri-Institute Summer School on Elementary Particle Physics, 2017
National Nuclear Physics Summer School, 2016
Workshop on the Intermediate Neutrino Program, 2015
Particles and Nuclei International Conference, 2014
The 154th Nobel Symposium: LHC and Beyond, 2013

Recent Colloquia:

Tel Aviv University, 2017
Columbia University, 2016
Virginia Tech, 2014
University of California, Los Angeles, 2014

University of California Nuclear Engineering, Berkeley, 2013
Stanford Linear Accelerator Laboratory , 2013

Recent Seminars, Workshops, Parallel Sessions, Etc.:

Beyond Standard Model Physics with Neutrino Driven Sources Workshop, 2017
MIT Laboratory for Nuclear Science Colloquium, 2015
FermiLab Neutrino Seminar Series, 2015.
Fermi National Accelerator Laboratory, Accelerator Division, 2013
McGill University, 2013
Stanford Linear Accelerator Laboratory, 2013

Recent Conference Organization, Advisory Boards and Other Service Within Field:

High Energy Physics Prioritization Panel (HEPAP), 2018-2021
Scientific Advisory Committee, NuFact2018, Virginia Tech, 2018
Organizing Committee, LIDINE2017, SLAC, 2017
Co-chair, LIDINE2015, Albany, NY, 2015
Local Organizing Committee, Neutrino 2014
Organizing Committee and Session Chair, TAUP 2013
International Advisory Committee, Weak Interactions & Neutrinos 2013
Co-chair, LIDINE2013, Fermi National Accelerator Laboratory, 2013

Selected Recent Outreach Activities:

Participation in career workshops:

Women in the Academy, 2017
Rising Stars, 2016
The Path to Professorship, 2016

Interviews about working as a physicist:

“On a Hunt for a Ghost of a Particle,” Quanta Magazine, 2016
“Janet Conrad, Seeker of Neutrinos and Other Curiosities,” Quanta Magazine, 2017

Public lectures:

“A Deep Dive into Neutrino Waves,” TASI Public Lecture Series, 2018
“A Deep Dive into Neutrino Waves,” New Scientist Instant Expert Series, 2017
“How to Catch a Wild Neutrino,” MIT Museum Sopabox Series, 2016

Radio/web Q&A:

World Science Festiveal, “The Matter of Antimatter” and “The Yen and Yang of the Big E
Science Friday, segment “On the Hunt for New Particles in Physics,” 2017

Cosmic Watch and the \$100 Desktop Muon Counter:

Cosmicwatch: Catch Yourself a Muon, <http://cosmicwatch.lns.mit.edu/>