

Sudip Chakravarty

CONTACT INFORMATION	Knudsen Hall 6-137A Department of Physics & Astronomy University of California Los Angeles Los Angeles, CA 90095 USA	<i>Voice:</i> (310) 825-4974 <i>Fax:</i> (310) 825-5734 <i>E-mail:</i> sudip@physics.ucla.edu http://personnel.physics.ucla.edu/directory/faculty/chakravarty.htm
RESEARCH INTERESTS	Theoretical condensed matter physics, high temperature superconductivity, dissipative quantum systems, disordered systems, strongly correlated electronic systems, foundations of quantum mechanics	
EDUCATION	Delhi University , Delhi, INDIA B. Sc. Honours, Physics, 1970 Delhi University , Delhi, INDIA M.Sc., Physics, 1972 Northwestern University , Evanston, Illinois, USA Ph. D., Physics, 1976 Thesis: "Contributions to microscopic theories of classical and quantum liquids", Supervisor: C. -W. Woo	
HONORS AND AWARDS	Alfred P. Sloan Foundation Fellowship (1982) Fellow of the American Physical Society (1991) Fellow of the John Simon Guggenheim Memorial Foundation (1992) NSF creativity extension award, 2002-2004 Outstanding teaching awards (UCLA, Physics): 93-94, 94-95, 95-96, 96-97, 04-05 Outstanding teacher of the year: 02-03.	
EMPLOYMENT	University of California Los Angeles , Los Angeles, California, USA <i>Professor and Distinguished Professor of Physics</i>	1989 - present
	State University of New York Stony Brook , Stony Brook, New York, USA <i>Professor of Physics</i>	1988
	State University of New York Stony Brook , Stony Brook, New York, USA <i>Associate Professor of Physics</i>	1985-1988
	State University of New York Stony Brook , Stony Brook, New York, USA <i>Assistant Professor of Physics</i>	1980-1985
VISITING APPOINTMENTS	<ul style="list-style-type: none">• Visiting Scholar (1987-88), Physics Department, Harvard University• Visiting Scientist (Summer, 1985), NORDITA, Copenhagen• Visiting Physicist (Summer, 1984), Institute for Theoretical Physics, Santa Barbara	

- Visiting Scientist (1982-1983), Laboratory of Atomic and Solid State Physics, Cornell University
- Member (1979-80), Institute for Theoretical Physics, Santa Barbaras

POSTDOCTORAL
EXPERIENCE

- Postdoctoral Scholar (1976-78), Laboratory of Atomic and Solid State Physics, Cornell University
- Postdoctoral Scholar (1978-80), Physics Department, University of California San Diego (Supervisor: Walter Kohn)

SYNERGISTIC
ACTIVITIES

- General Member, Aspen Center for Physics (1990-2004)
- Honorary General Member, Aspen Center for Physics (2004-2009)
- Scientific Secretary, Aspen Center for Physics (1991-92)
- Divisional Associate editor, Physical Review Letters (1995-97)
- Organizer, conference on “C₆₀ and Superconductivity”, UCLA (1991)
- Organizer (with P. W. Anderson), Aspen Summer Workshop, “Correlations, Fullerenes and Molecular Superconductors” (1992)
- Organizer (with H. -W. Jiang and S. Kivelson), UCLA Conference, “Critical Problems in Disordered Metals” (1998)
- Organizer (with G. Aeppli), Aspen Winter Conference, “Quantum Criticality” (1999)
- Organizer (with E. Abrahams), Aspen Winter Conference, “High Temperature Superconductivity” (2001)
- Organizer (with S. Habib, A. Kapitulnik, and M. Troyer), Aspen Summer Workshop, “Coherence and Dissipation in Quantum Systems” (2004)
- Organizer (with E. Abrahams and J. Hoffman), “2005 Aspen Winter Conference on High Temperature superconductivity”
- Public lecture, Aspen Center for Physics, “Dialog: Quantum Aspects of Matter” (Summer, 2002)
- Program Committee of “*l Materials and Mechanisms of Superconductivity-High Temperature Superconductors VIII*”, Dresden, Germany, July 9-14, 2006.
- Program Committee of “*Materials and Mechanisms of Superconductivity-High Temperature Superconductors VII*”, Rio de Janeiro, Brazil 25 30 MAY, 2003
- National Advisory Committee of the 2007 International Conference on Strongly Correlated Electron Systems, Houston, May 13-18, 2007
- International Advisory Committee for the conference BCS @50, October 9-12, 2007, University of Illinois Urbana-Champaign
- Elected co-Chair of the Gordon Research Conferences on correlated electrons (2010) and vice Chair (2008).

THESIS ADVISOR
AND
POSTGRADUATE-
SCHOLAR
SPONSOR

Graduate: L. -D. Chang (Industry), R. R. P. Singh (Professor of Physics, UCD), P. Kopietz (C4 Professor, University of Frankfurt), Shubha Tewari (Visiting Assistant Professor, Mount Holyoke College), G. Castilla (Staff, LLNL), O. Syljuåsen (Assistant Professor, NORDITA, Copenhagen), L. Yin (Professor of Physics, University of Beijing), K. Völker (Google), H. K. Nguyen (Finance, Wall Street), Sumanta Tewari (Postdoc, University of Maryland), Angela Kopp (Postdoc, Rutgers, condensed matter theory group)

Postgraduate: D. Waxman (Professor, U. of Sussex), G. I. Ingold (Professor, U. of Augsburg), A. D. Stone (Professor, Yale), G. Zimanyi (Professor, U. C. Davis), M. Wollensak (Industry, Germany), M. P. Gelfand (Professor, Colorado State), A. Sudbø (Professor, U. of Trondheim), L. Pryadko (Associate Professor, UCR), H.-Y. Kee (Associate Professor, U. of Toronto), D. Orgad (Professor, Hebrew University of Jerusalem), J. P. Hu (Assistant Professor, Purdue), J. P. Fjærestad (Postdoc, University of Queensland, Australia), Cristina Bena (Postdoc, Rutgers).

Present Postdoctoral Associates: Amit Ghosal

Present graduate students: Pallab Goswami, Xun Jia, Matt Mecklenberg.