

## MEHRAN KARDAR

**Address** Department of Physics  
**Telephone** 617-253-3259  
MIT, Room 6C-315  
**FAX** 617-253-2562  
Cambridge, MA 02139, USA  
**Email** [kardar@mit.edu](mailto:kardar@mit.edu)

### Education

8/75 - 2/76 Cambridgeshire College of Arts and Technology, Cambridge, England  
8/76 - 5/79 Undergraduate studies at King's College, Cambridge University, England  
5/1979 Bachelor of Arts (honors) in Natural Sciences, Cambridge University  
1/1983 Master of Arts, Cambridge University  
8/79 - 6/83 Graduate studies in the Physics Department, Massachusetts Institute of Technology  
5/1983 Doctor of Philosophy, Massachusetts Institute of Technology (MIT)  
Doctoral Thesis with Professor A. N. Berker, entitled: "Ordering phenomena  
under competing interactions in adsorbed layers and in spin models"

### Activities

Summer 77 Research Assistant, Department of Metallurgy, University of Technology, Tehran, Iran  
1980 - 83 Research Assistant, Condensed Matter Theory, MIT  
1983 - 86 Junior Fellow of the Harvard University Society of Fellows  
1983 - 86 Summer Visiting Research Collaborator, Brookhaven National Laboratories  
1986 - 90 Assistant Professor of Physics, MIT  
Summer 89 Visiting Professor, Katholieke Universiteit, Leuven, Belgium  
Fall 89, 6/92 Visitor, Institute for Theoretical Physics, UC Santa Barbara  
1990 - 95 Associate Professor of Physics, MIT (with tenure in 1992)  
Summer 90 Visiting Research Collaborator, IBM Research Labs., Almaden  
May 92 Guest Lecturer, Sharif University of Technology, Tehran, Iran  
May 93 Lecturer, Ecole de Physique de Matiere Condense, Beg-Rohu, France  
June 93 Chairman, Gordon Research Conference  
Aug 93/95/96 Lecturer, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran  
1995 - Adjunct Professor, IASBS, Zanjan, Iran  
1994-96, 07- Editorial Board, Journal of Statistical Physics  
Winter 94 Visiting Professor, Oxford University, England  
June 94 Lecturer, NATO meeting at the Newton Institute, Cambridge, England  
Aug 94 Lecturer, Les Houches meeting, France  
Fall 94 Organizer, ITP workshop on "Vortex Phases," UC Santa Barbara  
1996 Professor of Physics, MIT  
Summer 96 Lecturer, Troisieme cycle de la physique en Suisse romande, Lusaunne, Switzerland  
August 97 Lecturer, International Center for Theoretical Physics (ICTP), Trieste, Italy  
August 97 Lecturer, Summerschool on Fundamental Problems in Stat. Mech., Altenberg, Germany  
97- Board Member of New England Complex Science Institute  
99-00, 03-05 Chairman, Pappalardo Fellowships in Physics at MIT  
2001, 2009 General visiting member, Institute for Theoretical Physics, UC Santa Barbara  
Spring 02 Miller Visiting Professor, UC Berkeley  
Aug 03 Lecturer, The 14th Jyväskylä Summer School, Finland  
July 07 Invited Professor, Ecole Normale Supérieure, Paris, France  
Fall 08 Organizer, KITP workshop on "Fluctuation-induced forces," UC Santa Barbara  
Fall 09 Organizer, 60<sup>th</sup> Birthday Celebration Symposium for Prof. A.N. Berker, MIT  
May 13 Lecturer, IITS Course in Theoretical Physics, Katholieke Universiteit, Leuven, Belgium  
June 13 Invited visiting Professor, LPTMS, Univ. Paris Sud, Orsay, France  
July/Aug. 13 International Francqui Professor Chair, Katholieke Universiteit, Leuven, Belgium  
2015-18 Divisional Associate Editor, Phys. Rev. E  
2017- Associate Editor, JStat  
2020- Editorial Board, Proceedings of National Academy of Sciences  
Fall 22 Alexander von Humboldt visitor to MPI-DS and Georg-August Univ. of Göttingen

**Awards**

1976 - 78	Exhibition - Senior Scholarship at King's College, Cambridge University
1978 - 79	Prizes based on performance in undergraduate (Tripos) exams
1981 - 82	IBM Predoctoral Fellowship
1983 - 86	Junior Fellowship, Harvard Society of Fellows
1987 - 91	A. P. Sloan Fellowship
1988 - 00	Fellow of Ashdown House (Graduate Dormitory), MIT
1988	Bergmann Memorial Research Award
1989 -	Presidential Young Investigator Award
1990	Graduate Student Departmental Teaching Award
1990 -92	MIT Class of 1948 Professor (Career Development Chair)
1991	Edgerton Award for Junior Faculty Achievements at MIT
1992	The Beuchner Teaching Prize, Physics Department
1993	School of Science Prize in Graduate Teaching
2001	John Simon Guggenheim Fellowship
2007	Fellow, American Physical Society
2008	School of Science Prize in Graduate Teaching
2009	APS Outstanding Referee
2009	Elected Fellow of the American Academy of Arts and Sciences
2011-	Francis Freidman Professor, Physics Department, MIT
2013	International Francqui Professor Chair, Belgium
2014	KITP Simons Distinguished Visiting Scholar
2015	Mark Kac Memorial Scholar, CNLS, Los Alamos
2017	John David Jackson Excellence in Graduate Physics Education Award
2018	Elected member of the National Academy of Sciences
2019	Ellis Island Medal of Honor
2019	Simons-GGI Visiting scientist for 2019; Galileo-Galilei Institute (Florence, Italy)
2020	Simons Fellow in Mathematics and Theoretical Physics
2020	Alexander von Humboldt Foundation Research Award
2025	The Boltzmann Medal
2026	Thirty second Arnold-Sommerfeld lectures
2027	Lars Onsager Prize (APS)

**Personal:**

Born (8/1/1957) in Tehran, Iran; US citizen (1999);  
Married (Nushin Yazdi) with two children (Kaveh & Neiki).