

Mats Wallin

Professor of theoretical physics, KTH

Email: wallin@kth.se

Phone: +46-8-5537 8475

Fax: +46-8-5537 8216

Office: AlbaNova, Roslagstullsbacken 21, Room A4:1078

Postal adress: Theoretical physics, KTH AlbaNova, 106 91
Stockholm, Sweden

Delivery address: Roslagsvägen 30B, 114 19 Stockholm

[Map of KTH campus](#)



Research highlight: superfluid helium in aerogel

[Research](#)

[Teaching](#)

[Publications](#)

[Examensarbeten](#)

[CV](#)

[Statistical Physics Group](#)

[Department of Theoretical Physics](#)

[School of Engineering Sciences](#)

[Royal Institute of Technology \(KTH\)](#)

[AlbaNova University Center](#)

Mats Wallin wallin@kth.se



Mats Wallin CV

- **PhD** Umeå University 1990
- **Postdoc** at Indiana University Bloomington (Steve Girvin) 1991-1992
- **Forskarassistent (assistant professor)** 1993-1998, Theoretical physics KTH
- **Docent** 1995, Theoretical physics KTH.
- **Universitetslektor (associate professor)** 1998-2001, Theoretical physics KTH.
- **Professor**, Theoretical physics KTH 2001
- **Head of department** of Theoretical Physics KTH 2006-present

Research interests

- Statistical physics, condensed matter theory, biophysics
- Classical and quantum phase transitions
- Superconductivity, superfluidity, magnetism, optical lattices
- Disordered systems
- Monte Carlo simulation
- Molecular motors

Postdocs

- Emil Lundh, 2003-2005. Assistant professor, Theoretical Physics, Umeå University

PhD students

- Hannes Meier, started 0809
- Martin Lindén, PhD 080328. Postdoc at Berkeley (George Oster)
- Marios Nikolaou, PhD 070330. HiQ
- Anders Vestergren, PhD 040926. McKinsey & Company
- Jack Lidmar, PhD 990111. Postdoc (David Nelson) Harvard University. Associate professor, Theoretical physics KTH

Mats Wallin wallin@kth.se

Professorial Faculty



Nai-Chang Yeh, Ph.D., Professor of Physics

ncyeh@caltech.edu

Ph.D., Massachusetts Institute of Technology
(1988)

B.Sc., National Taiwan University (1983)

Fellow, American Association for the
Advancement of Science (since 2007); Fellow,
American Physical Society (since 2004); Fellow
and Chartered Physicist, The Institute of
Physics, UK (since 2001); David and Lucile
Packard Fellow for Science and Engineering
(1992-1997); Sloan Research Fellow (1990-
1992)