

Curriculum Vitae

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Education

- University of Iceland B.Sc. in physics 1978
- University of Alberta, M.Sc. in theoretical physics 1980. Supervisor Prof. M. Razavy.
- University of Alberta, Ph.D. in theoretical physics 1985. Supervisor Prof. Y. Takahashi.

Positions

- University of Alberta, teaching assistant 1978-1984
- University of Alberta, research assistant 1984-1985
- Max-Planck Institute for Solid State Research, Stuttgart, postdoc, group of Prof. K. von Klitzing 1985-1988
- Science Institute, research fellow 1988-1991
- University of Iceland, lector (reader) 1991-1992

Publications

105 articles are published in refereed international journals or conference proceedings. (95 ISI) The full list of publications is available on the web with the URL: <http://hartree.raunvis.hi.is/~vidar/Rann/rit/node1.html> with most of the publications hyperlinked.

- University of Iceland, docent (associate professor) 1992-1996
- University of Iceland, professor (full professor) 1996

Extra functions

- Chairman of the physics department, University of Iceland, 1995-97
- Member of the Board of NORDITA, Copenhagen, 1999 - 2001
- Chairman of the board of NORDITA, 2000
- Vice-chairman of the board of the Science Institute, University of Iceland, 1999-2002
- Chairman of the physics section at the Science Institute, 1999-2002
- Chairman of the board of Science Institute, University of Iceland, 2003-2006.

Field of research

- Theory of electronic systems in dimensionally reduced semiconductors; 2DEG, quantum dots and wires, ground state properties, magnetization, far-infrared absorption, Raman scattering, interacting mesoscopic systems in magnetic field. Time-dependent phenomena in nanosystems. Transport in quantum wires. Circuit-QED