

CURRICULUM VITAE

Urs M. Heller

Personal:

Date of Birth: June 7, 1953
Place of Birth: Zürich, Switzerland
Nationality: Swiss; permanent U.S. resident
Civil status: married, April 11, 1987 to Elizabeth A. Mason
Children: Clara Jillian, born August 28, 1987
Alexander Eric, born January 9, 1990
Languages: German, English, French, Spanish

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Education:

1977-1981 Rutgers University, New Jersey; Ph.D., May 1981.
Department of Physics and Astronomy,
Specialization: High Energy Physics, Theory.
Thesis: String Tension in 2 + 1 Dimensional Compact Lattice
QED for all Couplings: A Variational Calculation
Advisor: John B. Bronzan

1972-1977 Eidgenössische Technische Hochschule in Zürich, Switzerland
Diploma in Physik, May 1977.
Abteilung für Mathematik und Physik,
Specialization: Theoretical Physics.

1966-1972 Gymnasium Freudenberg, Zürich, Switzerland;
Matura, September 1972.

Honors:

- 1977–1978 Mutual Educational Exchange Grant, sponsored
by the Department of State.
- 1978–1981 Rutgers University Graduate Fellowship
- 1977, 1981 Fulbright Travel Grant.

Experience:

- 1981–1982 Member at the Institute for Advanced Study
Princeton, New Jersey
- 1982–1983 Albert Einstein Fellow at the Institute for Advanced Study,
Princeton, New Jersey
- 1983–1985 Fellow at CERN, Geneva, Switzerland.
- 1985–1988 Assistant Research Physicist, Institute for Theoretical Physics,
University of California, Santa Barbara, California
- 1988–1991 Associate Research Scientist, Supercomputer Computations Research
Institute, Florida State University, Tallahassee, Florida
- 1991–1999 Scientist/Scholar, Supercomputer Computations Research Institute,
Florida State University, Tallahassee, Florida
- Fall 1996 Participant in the research group on “Multi-Scale Phenomena and Their
Simulation on Massively Parallel Computers,” at the Zentrum für
Interdisziplinäre Forschung (ZiF) of the Universität Bielefeld, Germany.
- 2000–present Scientist/Scholar, School of Computational Science & Information Technology,
Florida State University, Tallahassee, Florida

Professional Service:

- 1989–1992 Supervision of 2 PhD Graduate Students in Theoretical Physics
- October 1990 Co-organizer of “International Conference on Lattice Field Theory,”
LATTICE '90, October 8–12, 1990, Tallahassee, Florida,
and editor of the proceedings.
- October 1993 Member of the International Advisory Committee for the

“International Conference on Lattice Field Theory,” *LATTICE '93*,
October 12–16, 1993, Dallas, Texas.

- Fall 1997 Co-supervisor, with R.G. Edwards, of two gifted middle school students
in the Academic Resource Center’s mentorship program.
- May/June 1999 Co-organizer, with Rajamani Narayanan, of the Aspen Summer workshop
“Dirac Spectrum and Topology on the Lattice.”
- October 1999 Co-organizer of the NATO Advanced Research Workshop
“Lattice Fermions and Structure of the Vacuum,”
October 5–9, 1999, Dubna, Russia.
- 2000–present Supervision of a PhD student, jointly with Prof. Berg.
- May 2002 Served on panel for the triennial review of NSF’s Partnerships
for Advanced Computational Infrastructure (PACI) Program.