

CIRRICULUM VITAE

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Honors: Fellow of the American Physical Society

Education

Ph.D. in Physics	California Institute of Technology, Pasadena CA	1985
AB in Physics	Harvard University, Cambridge, MA	1978

Professional experience

Board of Directors, Paul Scherrer Institute	2006 - present
Head of Department Large Research Facilities, PSI	
Professor of accelerator physics, EPFL	
Head of the Accelerator Development and Operation Division, PSI	2002 – 2006
Swiss Light Source, member of the Project Management	1990 – 2002
B-meson factory designs at PSI and CERN	1989 – 1990
Damping Rings Systems Leader, Accelerator Department, SLAC	1988 – 1989
Physicist, SLAC. Optics design and beam dynamics issues at the SLAC Linear Collider. Design of damping rings for the future linear colliders	1986 – 1988
Visiting Scientist, CERN. Commissioning of the LEP Injector	1985 – 1986
Research assistant, Caltech & SLAC. Commissioning of the damping ring for the SLAC Linear Collider. Design modifications for the positron damping ring	1982 – 1985
Mini- β projects at PEP, SLAC. Design and commissioning.	1980 – 1982
Worked on the DELCO detector at PEP.	1978 – 1980
Research assistant, Harvard University. Worked on neutrino experiments at Brookhaven National Laboratory and on design of axion search experiment.	1977 – 1978

Committees and Services

Accelerator Research and Development (ARD) Initiative, Helmholtz Association of German Research Centers, Chairman of the Advisory Committee	2011
Science & Technology Facilities Council (STFC), Chairman of the Accelerator Review Panel	2011 -- present
Test Infrastructure and Accelerator Research Area (TIARA), Chairman of the Governing Council	2010 -- present
LNF Scientific Committee, Frascati INFN National Laboratories, Italy	2011 -- present
CERN Scientific Policy Committee	2011 -- present
Chairman of the MAX IV Machine Advisory Committee, Lund, Sweden	2010 -- present
Chairman of the DESY Machine Advisory Committee, Hamburg, Germany	2003 – 2010
IRFU Scientific Council, CEA, France	2007
SSRL Scientific Advisory Committee, SLAC, USA	2006 – 2008
Chairman of EPS-AG 2008 Prizes Selection Committee	2006 – 2008
Chairman of the Elected Board of the Interdivisional Group on Accelerators of the European Physical Society, Member of the EPS Council	2002 – 2004
International Linear Collider Machine Advisory Committee	2005 – 2007

Editorial Board, Physical Review Special Topics – Accelerators and Beams	2001 – 2004
Chairman of the SOLEIL Project Machine Advisory Committee	2001 – 2006
Joint Universities Accelerator School Program Committee	2000 – present
Organizing Committee of the European Particle Accelerator Conferences	1994 – 2006
CERN Accelerator School Programme and Advisory Committees	1993 – present