

Ferenc Mezei

Professional CV

EDUCATION

Eötvös L. University, Budapest, Physics Diploma 1965
Hungarian Academy of Sciences, Budapest, Ph.D. Physics 1976

CITIZEN: Hungary

RESEARCH AND/OR PROFESSIONAL EXPERIENCE

2014 – Technical Coordinator, European Spallation Source ESS ERIC, Lund
2013 – 2014 Interim Technical Director, European Spallation Source ESS AB, Lund
2010 – 2013 Head of Target Division, European Spallation Source ESS AB, Lund
2007 – research professor, professor emeritus Wigner Research Center for Physics
(earlier MTA SZFKI) Budapest
2003 – Adjunct Professor of Physics, University of California San Diego
2000 – 2003 Task Leader for Instrumentation, European Spallation Source ESS Project
2000 – 2007 Technical Staff Member, Los Alamos National Laboratory (part time)
1997 – 2000 John Wheatley Distinguished Scholar, Los Alamos National Laboratory
1992 – 1997 and 2001 – 2007, Director, Berlin Neutron Scattering Center, Hahn-Meitner-
Institut, Berlin
1984 – 2007 Professor of Physics, Technical University, Berlin
1994 – 1995 European Chair of Physics, Eötvös L. University, Budapest
1980 – 1984 Group Coordinator, Institut-Laue-Langevin, Grenoble
1972 – 1980 Instrument Scientist, Institut-Laue-Langevin, Grenoble
1968 – 1972 Research Associate, Central Research Institute for Physics, Budapest
1965 – 1968 Teaching Assistant, Eötvös L. University, Budapest

PROFESSIONAL MEMBERSHIPS AND AWARDS

National academy memberships:

Hungarian Academy of Sciences, Ordinary Member
Academia Europaea

Selected memberships, learned societies:

American Physical Society
European Physical Society
Hungarian Physical Society
Member of the Commission on Magnetism of the International
Union of Pure and Applied Physics (IUPAP) 1988 – 1991
Chairman of the Action Committee on Publications of the
European Physical Society 1989 – 1994

International Council for Scientific and Technical Information 1984 – 96

Awards: Janossy Prize, Hungarian Academy of Sciences 1979
Hewlett-Packard Europhysics Prize 1986
European Chair of Physics of the European Union 1994
Leo Szilard Medal, Hungarian Nuclear Society 1996
Middle Cross of the Republic of Hungary 1997
Inaugural Walter Haelg prize of the European Neutron Scattering Association 1999
Fellow of the American Physical Society 2000
Dr. Honoris Causa, Debrecen University, 2008
Honorary Citizen of Budapest II. District, 2008
Széchenyi Prize of the Republic of Hungary, 2013

SELECTED ACHIEVEMENTS

Invention and development of Neutron Spin Echo
Invention and development of neutron supermirrors
Experimental proof of the Landau-Khalatnikov relation for rotons in He
Discovery of breakdown of dynamic scaling in ferromagnets
Discovery of dynamic scaling near glass transitions
Invention of long pulse neutron sources
Invention of ballistic neutron guides
Invention of multiplexing chopper system for pulsed spallation sources
Invention of low dimensional neutron moderators