

Pekka Pyykkö

Department of Chemistry
University of Helsinki
POB 55 (A. I. Virtasen aukio 1)
00014 Helsinki, Finland.
pekka.pyykko@helsinki.fi

Name: Veli Pekka Pyykkö.
Born: 12 October 1941. Hinnerjoki, Finland.

Education:

Turku Latin School (Turun klassillinen lyseo). Matriculation 1959
University of Turku, Finland, M.Sc. 1964, Phil. Lic. 1965, Ph.D. 1967

Publications:

Over 340 original papers, including the three books (Relativistic Theory of Atoms and Molecules I-III, Springer-Verlag, Berlin 1986, 1993, 2000 [100, 150, 200]).
See <https://www.chem.helsinki.fi/~pyykko>

Positions:

Current: Professor of Chemistry, University of Helsinki 1984–;
Emeritus status granted since Nov. 2009.
Previous: Assoc. Prof. of Quantum Chemistry, Åbo Akademi University, Finland, 1974-1984.

Extended visits abroad:

NORDITA scholar, Aarhus, Denmark (12 mo.) 1968-69
'Nordisk docentstipendiat', Göteborg, Sweden (12 mo.) 1969-70
Attaché du CNRS détaché au CECAM, Orsay, France (8 mo.) 1973
Erlangen, Germany (5 mo.) 2003

Visiting professorships:

Vrije Universiteit, Amsterdam (1 mo.) 1974
École Normale Supérieure de Jeunes Filles, Montrouge (2 mo.) 1981
Université Scientifique et Médicale de Grenoble (1 mo.) 1981
University of Auckland (2 mo.) 1993
Universität Marburg (2 weeks) 1995
Université Louis Pasteur, Strasbourg (3 weeks) 2005
École Polytechnique (1 mo.) 2008
Tsinghua University, Beijing (1 mo.) 2010, (1 mo.) 2011

Festschrifts:

60th Birthday *Relativistic Electronic Structure Theory* (Ed. P. Schwerdtfeger), Elsevier, Amsterdam
Part 1. Fundamentals, 2002, 926 p. *Part 2. Applications*, 2004, 787 p.
70th Birthday in *Theoretical Chemistry Accounts* 129 (3-5) 2011, 271-725.

Honours:

The Harry Elving Prize, Åbo Akademi 1978
Decorated by the president of Finland (FVR R I) 1995
The A.I. Virtanen Prize 1997
The E.J. Nyström Prize 1998.
Humboldt Research Prize 2002
Les Palmes Académiques (France) 2009
The Schrödinger medal of WATOC 2012
Honorary Fellow of Chinese Chemical Society 2012
Medal, Finnish Chemical Society 2019

Member of:

Finska Vetenskaps-Societeten 1985. Chair 2010-13
Suomalainen Tiedeakatemia 1989
Royal Academy of Arts and Sciences in Uppsala 1990
Int. Academy of Quantum Molecular Sciences, Menton 1992. Chair 2009-12
Bayerische Akademie der Wissenschaften (corr. member) 2000
Academia Europea 2007
Kungliga Vetenskapsakademien (Sweden) (foreign member) 2011

Väisälä Lecture, Turku 1991. Löwdin Lectures, Uppsala 2003
Glenn Seaborg Lectures, Berkeley, CA 2008
Almløf-Gropen Lectures, Oslo and Tromsø 2011
Davidson Lecture, University of North Texas 2013
Hellmann Lecture, Marburg 2015
Solvay Lecture, Brussels 2015

Editorial boards:

International Journal of Quantum Chemistry 1979-86
Chemical Physics Letters 1981-90
Molecular Physics 1983-90
Finnish Chemical Letters 1983-89
Advances in Quantum Chemistry 1987-
Theoretica Chimica Acta/Theoretical Chemistry Accounts 1992-2008
Chemistry - a European Journal 1994-2019
Physical Chemistry Chemical Physics,
(Editorial Board 2006-11, Chair 2009-11; Advisory Editorial Board 2011-)

Positions of trust:

National Research Council of Sciences, The Academy of Finland 1986-91
European Union: Chemistry panels for HCM 1992-94 and TMR 1995-96
COST: Action D9 MC 1997-2002, Vice-Chair 1998, Chair 1999-2002. Action D26.
European Science Foundation: Steering Committee Chairman for the programme
REHE ('Relativistic Effects in Heavy-Element Chemistry and Physics'), 1992-98
Max-Planck-Institut für Physik komplexer System, Dresden. Scientific Board 1997-98.
Association of Finnish Chemical Societies, Chair 1999-2000
Finska Kemistsamfundet - Suomen Kemistiseura, Chair 1988-89, 1999-2000,
Honorary Fellow 2011.

Date: 3 February 2025
