

# Pekka Pyykkö

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

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## Education:

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

## Publications:

Over 330 original papers, including the three books (Relativistic Theory of Atoms and Molecules I-III, Springer-Verlag, Berlin 1986, 1993, 2000 [100, 150, 200]).  
See <http://www.chem.helsinki.fi/~pyykkö>

## Positions:

**Current:** Professor of Chemistry, University of Helsinki 1984–;  
Emeritus status granted since Nov. 2009.

**Previous:** Associate Professor 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.

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## 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

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## 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

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## 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- )

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## 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.

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