

CURRICULUM VITAE

1 Personal information

Name: László

First name: János

Date and place of birth: 10/16/1956, Budapest, Hungary

Permanent private address: Csejtei u. 1-3, Budapest, 1025-Hungary

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Name of wife: Éva Fekete-László

Profession of wife: mathematician, computer programmer (M.Sc.)

Working place of wife: sanofi-aventis, Chinoi Research and Development, Scientific Information Systems

Children: Anna, 1985 and Júlia, 1987

Spare-time activity: classical music, sport

Command of languages: Hungarian (mother tongue), English (advanced), German (intermediate), Russian (intermediate), French (intermediate)

2 Education

year	institution	degree
1995	Hungarian Academy of Sciences (HAS)	Candidate of Sciences
1995	Technical University of Budapest (TUB)	PhD
1982-85	TUB	Diploma of Philosophy (Hons)
1983	TUB	Doctor Technicus (summa cum laude, Hons)
1980-82	Faculty of Electric Engineering (TUB)	Master's Degree of Electronic Technology (Hons)
1976-80	Faculty of Electric Engineering (TUB) (special branch for Technical Physics)	Bachelor's Degree of Telecommunication

3 Work experience

year	institution	position
2009-	Hungarian Academy of Sciences (HAS), Institute for Research Organization	adjunct researcher
1997-98	Pennsylvania State University, Dept. of Chemistry	Fulbright Fellow
1996-	HAS, Section for Mathematics	tenured Section Head, Scientific Secretary
1996-98	Institute of Physics (TUB)	tenured Associate Professor
1991-96	Institute of Physics (TUB)	tenured Assistant Professor
1990-91	Max Planck Institute for Plasmaphysics	Max Planck Research Fellow
1989-90	MPI	Humboldt Research Fellow
1988	Florida Institute of Technology	Adjunct Professor of Physics
1987-88	Brevard Community College	Visiting Professor of Physics, Mathematics and Astronomy
1985-	Institute of Physics (TUB)	tenure-track Assistant Professor
1983-85	Institute of Physics (TUB)	tenure-track Associate Scientific Research Fellow
1980-83	Institute of Physics (TUB) on a Master's Fellowship	Assistant Scientific Research Fellow

4 Research interest (www.researcherid.com, B-6996-2008)

Recent field of research: effect of static magnetic fields on living material

Previous fields of research: description of the electronic stopping power of ions in solids in the low velocity regime, computer simulation of composition changes in binary alloys due to sputtering, measurement and theoretical foundation of sputter depth resolution, geometrical effects in Scanning Tunneling Microscopy, neutralization at surfaces and ion transmission simulation, sputtering simulation of fusion relevant materials, molecular-dynamic simulation of sputtering and diamond growth

5 Professional awards, grants

Innocsekk research grant (2007)

Fulbright scholarship (1997)

Max Planck research fellowship in Germany (1991)

OTKA research grant (1991)

Alexander von Humboldt research fellowship in Germany (1989-90)

“Nívó” award of Akadémia Press

First visiting professor in the USA within the frame of Community Colleges for International Development and TUB exchange programme (1987-88)