

Curriculum Vitae

Jozsef LACZKO

Date and place of birth: 1957, Budapest, Hungary
Email: laczko@itk.ppke.hu

Profile: - Designer and developer of mathematical models, special algorithms and software for controlling neural and biological processes (computer simulation, medical engineering, medical rehabilitation).
- Lecturing and communicating in multidisciplinary research fields at all levels of universities in Europe and in the US. Over twenty years experience in research, development and teaching.

Current positions:

Semmelweis University, Dept. of Biomechanics <i>Associate professor</i>	Budapest 1996-present
Pazmany Peter Catholic University, Faculty of Information Technologies, <i>Associate professor</i>	Budapest 2006 – present

Experience:

New York University, School of Medicine, Dept. Physiology & Neuroscience, <i>Research associate</i> <i>Research professor</i> - Developed a computer model to discern the effect of weightlessness on neural activity patterns and on motor development (part of a NASA project). <i>Fulbright Scholar</i> - Developed a general neuro-mechanical model for controlling mammalian limb movements.	New York, NY April –Sept. 1986 March – Dec. 1999 March - July 2004
---	---

Ludwig-Maximilians University, <i>Research grantee of the European Space Agency</i> - participated in a research team in software development for studying the effect of gravity and neural disorders on muscle activities.	München, Germany Jan.1991–Dec.1992
--	---------------------------------------

CNRS, Lab. de Physiologie Neurosensorielle, <i>Research Fellow</i> developed movement recording and analyzing methods to discern control principles of multi-joint movements	Paris, France Nov 1990 -Dec 1991
---	-------------------------------------

Hatfield Polytechnic, School of Information Sciences, <i>research associate</i> participated in a software engineering research project providing user friendly environment for developers	Hatfield UK Apr. – Oct. 1984
---	---------------------------------

KFKI Research Institute for Measurement and Computing Techniques of the Hungarian Academy of Sciences <i>Research Fellow</i>	Budapest 1982-1996
Research Institute for Technical Physics and Material Science of the Hungarian Academy of Sciences <i>Research Fellow (part time)</i>	2000-2005

Education:

Ph.D Math	Eotvos Lorand University, Budapest	1997.
MSc. Math	Eotvos Lorand University, Budapest	1982 .
Eotvos Lorand University, Budapest	Computer Programming	1976-1978
Eotvos Lorand University, Budapest	Mathematics	1978-1982
Szerb Antal High-school, Budapest ,	Branch of Chemistry	1971-1975

Language proficiency: Hungarian (native) , English (fluent), German (reading, speaking). Latin (reading)