

Curriculum Vitae

Prof. Dr. Andras Szasz



Date and place of birth: 4 November 1947, Budapest, Hungary

QUALIFICATIONS:

- 1972** MS graduation, thesis: Positron annihilation at Eötvös University
- 1974** Doctor's degree at Eötvös University (Surface physics)
- 1983** Candidate of Mathematical and Physical Sciences of Russian Academy of Science, (Surface physics)
- 1983** Candidate of Physical Sciences of Hungarian Academy of Science (Surface physics)
- 1996** Habilitation at St. Istvan University (Hungary) (Biophysics)

ACADEMIC APPOINTMENTS:

- 1972-74:** Postgraduate Student at Eötvös University on Solid State Phys.
- 1974-82:** Assistant Professor at Eötvös University on Solid State Phys.
- 1982-85:** Head of Metalab and Laboratory of Surface Physics in Eötvös University
- 1985-86:** Head of Dept. Solid State Physic, Eötvös University Budapest, Hungary
- 1986-87:** Research fellow Scottish Surface Centre, Strathclyde University, Glasgow, UK
- 1988-2004:** Appointed visiting professor to Material Engineering Department (Scottish Surface Centre) of Strathclyde University (Glasgow, UK)
- 1996-cont.** Professor at St. Istvan University, Godollo, Hungary, teaching biophysics
- 2012-cont.** Visiting professor appointment, Pazmany Peter Catholic University, teaching bioelectrodynamics
- 2013-cont.** Appointed visiting professor at Chiba University, Japan, teaching fractal physiology

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ADMINISTRATIVE EXPERIENCE:

- 1983-85:** Deputy Head of Institute for Solid State Physics, Eötvös University
1985-86: Head of Institute for Solid State Physics, Eötvös University
1983-87: Head of METALAB Interdisciplinary Research Association, Eötvös University
1987-91: Head of Laboratory of Surface and Interface Physics, Eötvös University
1988- Founder of Oncotherm Kft. in Hungary
1990-2001: CEO of Oncotherm Ltd.
1991-94: Founder and Chairman of the Council of Foundation for Talented Pupils (Két Bolyai Alapítvány)
1991-95: Founder and Chairman of the Council of INNOHELP Foundation. (INNOHELP Alapítvány)
1993-2000: Founder and Technical Director of Oncotherm GmbH, Germany, (Medical instruments)
2007-2010 CEO of Oncotherm GmbH, Troisdorf, Germany
2000-cont. Head of Biotechnics Department in St. Istvan University, Faculty of Engineering, Hungary, teaching biophysics
2001-cont. R&D director of Oncotherm (www.oncotherm.de) (both the Hungarian and German Branches)

MEMBERSHIPS:

- 1970 - 2010:** Member of Eötvös Physical Society (Hungary)
1979 - 2010: Member of European Physical Society
1994 - 2010: Member of The New York Academy of Sciences (USA)
1995 - cont: Member of the European Society for Hyperthermic Oncology (ESHO)
1995 - cont: Member of the Institute of Electrical and Electronics Engineers (IEEE, USA)
1995 - cont: Member of the Bioelectromagnetic Society (BEMS, USA)
1995 - 2010: Member of the American Institute of Physics (AIP, USA)

PUBLICATIONS:

Author and co-author of about 700 publications (articles, conference contributions/abstracts), and co-author of eight books. He has several patents based on the knowledge of membrane/surface physics and biophysics, developed a treatment system for oncology (electro-cancer therapy, electro-hyperthermia, oncothermia).

SCIENCE AWARD:

- 2000** Dennis Gabor Award (Hungarian Academy of Science)