

CV of Péter Vankó

Personal data

Name	Péter Vankó
Last position	Associate professor
Last institution	Department of Physics, Budapest University of Technology and Economics, H-1111 Budapest, Budafoki út 8, Hungary
e-mail	vanko@eik.bme.hu
Date of birth	3 April 1959, Budapest

Education

2007	PhD in physics “Exciting measurements and modelling in the teaching of Physics”, DE, Hungary
1994	Dr.Univ in electron physics, BME, Hungary
1991	MSc degree in teaching of physics, ELTE, Hungary
1984	MSc degree in electric engineering, BME, Hungary

Employment

2007-2021	Associate professor	Dept. of Physics, BME, Hungary
1999-2007	Assistant professor	Dept. of Exp. Physics, BME, Hungary
1991-2007	Secondary school teacher	Árpád Gimnázium, Budapest, Hungary
1991	Secondary school teacher	Semmelweis Eü. Szki., Budapest, Hungary
1989-1990	Secondary school teacher	Fasori Ev. Gimn., Budapest, Hungary
10/1987-09/1988	DAAD scholarship	TU Hamburg-Harburg, Germany
09/1986-12/1986	MTA-TMB scholarship	University of Amsterdam, The Netherlands
1984-1989	Research associate	Dept. of Electron Devices, BME, Hungary

Awards and prizes

2024	Honorary Professor
2024	Prométheusz-érem
2021	Rátz Tanár Úr Életműdíj
2015	Bonis Bona díj

Research interest

- Exciting measurements and modelling in the teaching of Physics

Teaching activity

- Experimental physics 1 (2013-2021)
- Advanced Problem Solving Seminar 1 (2014-2021)
- Physics Laboratory 1-2 (1999-2021)
- Different courses for (talented) secondary school pupils

Students supervised

- BSc students: Balogh Levente (2010)

Memberships and professional service

- International Physics Olympiad (IPhO): leader of the Hungarian team (1996-2019)
- European Physics Olympiad (EuPhO): leader of the Hungarian team (2017-)
- European Olympiad of Experimental Science (EOES) / European Union Science Olympiad (EUSO): country coordinator of the Hungarian team (2008-), director of EOES 2021 (Szeged, Hungary)
- Eötvös-verseny (Eötvös competition): president of the competition committee (2014-)

Grants, fellowships, projects

09/1986-12/1986	MTA-TMB scholarship
10/1987-09/1988	DAAD scholarship

Invited talks

2009	“Fizikatanítás tartalmasan és érdekesen” Int. Seminar, Budapest
2008	51. Országos Középiskolai Fizikatanári Ankét, Békéscsaba

Languages

German (master), English (master reading, conversational speaking)

Scientific impact (as of 27/12/2015)

1 papers in refereed journals

Total number of citations: 2

H-index:

Complete list of publications: <http://eik.bme.hu/~vanko/phd/publikaciok.pdf>

Five selected publications

1. P. Vankó, *Eötvös Competition — a small competition with great influence*, WPhC Newsletter 2018/1 (2018).
2. P. Vankó, *Selection and training of students in Hungary*, in: Challenging interdisciplinary Science Experiments, Volume 2, Task of the European Union Science Olympiads 2008-2012, edited by M. Cotter and S. Petersen Waxmann, (2015).
3. P. Vankó, *Investigation of Chaotic Double Pendulum in the Basic Level Physics Teaching Laboratory*, European Journal of Physics **28**, 61-69 (2007).
4. P. Vankó, *Investigation of a Pull Back Toy Car: a Problem of a Competition used in a Popularizing Experimental Course*, Physics Competitions **7**, 2/10-18 (2005).
5. P. Vankó, *An Experimental Problem of a Competition Discussed in a Secondary School Workshop*, Physics Competitions **6**, 1/45-57 (2004).