

Professional Curriculum Vitae (December 2020)

Name: Prof. RNDr. Peter Samuely, DrSc. (1956)

Studies and degrees:

Master of Physics at the P.J. Šafárik University of Košice, 1980
Rerum Naturalium Doctor, RNDr., the P.J. Šafárik University of Košice, 1981
Candidatus scientiarum (PhD) in Physics at the P.J. Šafárik University of Košice, 1988
Doctor Scientiarum at the Slovak Technical University, Bratislava, 1998
Full professor, the P.J. Šafárik University of Košice, 2009



Current position:

Researcher at the Centre of Low Temperature Physics, Institute of Experimental Physics, Slovak Academy of Sciences (SAS), Košice since 1980
Vice President of the SAS for Science, Research and Innovations, Bratislava, since 2017
Professor at the P.J. Šafárik University, Košice, lectures on condensed matter physics, experimental methods in solid state physics, superconductivity, supervisor and guarantor of PhD studies, since 1991

Previous positions:

Postdoc in the Grenoble High Magnetic Field Laboratory, Max-Planck-Institut FKF, France, 1989-1991
Visiting professor at Université Joseph Fourier, Grenoble, France, 2002
Member of the Presidium of the Slovak Academy of Sciences, responsible for the evaluation of the research institutes of SAS, 2005 – 2013

Elected membership in academies and scientific boards

Academician of the Learned society of Slovakia, since 2008
Scientific Board of the Slovak Academy of Sciences, 2005 – 2013, 2017-
Scientific Board of the P.J. Šafárik University in Košice, 2007 -2015
Scientific Board of the Technical University in Košice, 2007 - 2019
Scientific Board of the Faculty of Math, Physics and Informatics, Comenius University, 2010 - 2014

Awards

Diploma of the ISI Thomson (Web of Science) for the most cited paper in Superconductivity, 2005
4 awards of the Slovak Academy of Sciences: for research, 1988 and 2004, for development of infrastructure, 2009, for popularization of science, 2012
Award of the Slovak minister of education, science, research and sport for the Slovak research team of the year 2012
Commemorative medal at 60th Anniversary of the Slovak Academy of Sciences, 2013
Gold medal of the Faculty of Science, P. J. Šafárik University in Košice, 2013
Premium of the Literary Fund for extraordinary response to single research publication, 2015
Grand memorial medal of the Technical University of Košice, 2016

Scientific activities:

Experimental condensed matter physics at very low temperatures and high magnetic fields, correlated electron systems, novel superconductors. Point contact spectroscopy, scanning tunnelling spectroscopy, transport and thermodynamic measurements. Coordinator of numerous national and EU projects. More than 30 invited lectures at international conferences and top research institutions. Referee of the prestigious physical journals. In WOS, more than 140 papers, cited more than 1900 times, h-index=23

Scientific achievements:

First spectroscopic evidence of the two-gap superconductivity in magnesium diboride. First observation of the intrinsic Josephson junction's effect and extreme (Ising) critical fields in the misfit layered systems $(\text{LaSe})_{1.14}(\text{NbSe}_2)_m$. Contributions to studies of the superconducting order parameter and vortex matter in novel superconductors. Contribution to development of the Centre of Low Temperature Physics Košice, a core partner of the European Microkelvin Platform.