

# Curriculum Vitae

## Personal information:

Name, title: **FILIP Peter , PhD. Mgr.**  
Permanent address: Babuškova 5, 821 03, Bratislava, Slovak Republic  
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Home: 00421-2- 43335838  
E-mail: Peter.Filip@savba.sk  
Nationality: Slovak  
Date and place of birth: **19.04.1969, in Bratislava, Slovakia**  
Parents: prof. Ing. Jaroslav Filip  
Ing. Jana Filipova

**Areas of interest:** Monte-Carlo simulations, ultra-relativistic collisions of nuclei, internal structure of hadrons, kaon oscillations in baryonic medium, particle oscillations in external fields, neutrino oscillations

## Research experience:

February 2018 – till Present: Institute of Physics, Czech Academy of Sciences, Prague  
( Department of data analysis and detector development )  
since Feb. 2019: member of NOvA exp. Collaboration, FNAL

September 1992 – Feb. 2018: Institute of Physics, Slovak Academy of Sciences , Bratislava, Slovakia  
Department of Theoretical Physics: until 2017,  
Department of Complex Systems (starting 2017)  
( *scientist, research worker, and scientific secretary – see below* )

June 2010 – December 2015: scientific secretary of the Institute of Physics, Bratislava, Slovakia

August 2004 – 2017: member of STAR experimental collaboration (RHIC collider, BNL)  
joining STAR collaboration research for group in Nuclear Physics Institute, Prague,  
and continuing later as a member of JINR-STAR group, Dubna  
*multiple (month-long) visits at BNL, USA as STAR detector operator, shift leader*  
USA: 2006, 2x 2007, 2008, 2x 2009, 2010, 2x 2011, 2x 2012, 2x 2013, 2x 2014, 2015, 2x 2016  
two 90-days visits at JINR, Dubna: 20.9.– 17.12.2007 and 30.8.– 29.11.2006  
short 14-day visits at JINR: 7.2009, 9.2011, 9.2012, 10.2013, 9.2014, 7.2015, 9.2017  
( as a full-time employee FTE=1 of the Institute of Physics, Bratislava, Slovakia )

January 2000 – August 2002: Max-Planck Institute for Physics, Munich, Germany (postdoc position)  
full member of NA49 collaboration (SPS accelerator, CERN, Geneva)  
( *analysis of exp. data - pion correlations - Pb+Pb collisions at 40, 80, 158 GeV/n* )

Current job agreement: Institute of Physics, Czech Academy of Sciences, Prague (NOvA collaboration Project)

Name and address of permanent position employer: Institute of Physics, Slovak Academy of Sciences, Dúbravská cesta 9, 845 11, Bratislava, Slovakia

**Education:**

- 1992 - 1994: Pedagogical licence for teaching of physics, Comenius University, Bratislava
- 1992 - 1999: Postgradual studies, Comenius University, Bratislava, subnuclear physics,  
(PhD. Thesis: „*Consequences of Hadronic rescattering in Heavy Ion Collisions*“)
- 1987 - 1992: University education, Comenius University, Bratislava, theoretical physics,  
(Mgr. Diploma thesis: „*Quark Mass Matrices*“)
- 1983 – 1987: Secondary school, Gymnasium Vazovova 6, Bratislava, Slovakia

Titles obtained: PhD. and Mgr. (in theoretical particle physics)

Main abilities: scientific research, pedagogical activity,

Degree of education in the  
international classification: 6

Bratislava, 19. Dec. 2019