

Pavol Federič

Curriculum Vitae

E-mail | pavol.federic@gmail.com
Year of birth | 1984

Work Experience

Feb 2014 – | PostDoc
Nuclear Physics Institute of the ASCR, v. v. i.
Řež 130, 250 68, Czech Republic

Oct 2012 – Feb 2014 | Research assistant
Faculty of Mathematics, Physics and Informatics, Comenius University
Mlynska dolina, 842 48 Bratislava, Slovakia

Education

Oct 2008 – Sep 2012 | PhD. in Subnuclear Physics
Faculty of Mathematics, Physics and Informatics, Comenius University
Mlynska dolina, 842 48 Bratislava, Slovakia

PhD. thesis | Measurement of the top quark electric charge at LHC in the ATLAS experiment

Supervisor | Doc. Stanislav Tokár

Sep 2002 – Jun 2008 | Master in Nuclear and Subnuclear Physics (Mgr.)
Faculty of Mathematics, Physics and Informatics, Comenius University
Mlynska dolina, 842 48 Bratislava, Slovakia

Diploma thesis | MC simulation of cosmic muons for calibration of ATLAS hadronic calorimeter.

Supervisor | Dr. Pavel Šťavina

Academic Courses

Jun 2010 – Jul 2010 | European School of High-energy Physics - ESHEP 2010, Raseborg, Finland

Jun 2010 | The 4th CERN-Fermilab Hadron Collider Physics Summer School, CERN

Jun 2006 – Sep 2006 | The CERN Summer Student Program, CERN

Jul 2005 – Aug 2005 | Summer Student Practice in JINR (The Joint Institute for Nuclear Research) Fields of Research, JINR University Centre, Dubna, Russia

International Conference or Workshops

May 2013 | Photon 2013, Paris (LPNHE)
Talk: Top quark properties at the LHC (ATLAS+CMS)

Sep 2012 | XXXII Physics in Collision (PIC) 2012
Poster: Top quark charge measurement with the ATLAS detector using pp collision data

Sep 2011 | 4th International Workshop on Top Quark Physics
Poster: Measurement of the top quark charge in the ATLAS experiment

List of 5 most important publications or internal notes to which I have contributed personally

JHEP 1311 (2013) 031, http://inspirehep.net/record/1243158/	Measurement of the top quark charge in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
IL NUOVO CIMENTO (EPJ), Vol. 35 C, N. 3, 2012	Measurement of the top-quark charge in the ATLAS experiment
ATLAS-CONF-2011-141	Measurement of the top quark charge in pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS experiment
ATL-COM-PHYS-2012-028	Top quark charge measurement with the ATLAS experiment: Weighting technique approach
ATL-PHYS-INT-2010-140	Technical aspects of the first top pair analyses