**Curiculum Vitae**

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Personnel Information

Date of birth: September 23, 1965

Place of birth: Snina, Slovakia

Nationality: Slovakian

Address: Dobrianskeho 25, 06601 Humenne, Slovakia

Educational Background

M.S., Nuclear Physics Comenius University, Bratislava, Slovakia, June 1989.

Ph.D., Nuclear Physics Comenius University, Bratislava, Slovakia, June 1999.

Thesis: New aspects of Vavilov-Cherenkov radiation.

Employment and Research Teaching Experience

Sept 1989 – June 1990: military service (mandatory)

Oct 1990 – Aug 1995: Research Assistant, Dept. of Nuclear Physics, Comenius University, Bratislava, Slovakia. Vavilov-Cherenkov radiation, synchrotron, undulator and transition radiations.

Sept 1995 – Jan 1998: Research Associate, Dept. of Nuclear Physics, Institute of Physics of Slovak Academy of Sciences, Bratislava, Slovakia. Vavilov-Cherenkov radiation, synchrotron, undulator and transition radiations, Gamma-ray spectroscopy of fission fragments, Yields of correlated fission fragment pairs in spontaneous fission, neutron multiplicities.

Feb 1998 – Aug 2011: Visiting scientist, Flerov Laboratory of Nuclear Reactions, JINR, Dubna, Russia. Nuclear reactions studied with heavy ions beam. Gamma-ray, neutron and alpha spectroscopy of fission fragments; Yields of correlated fission fragment pairs in spontaneous fission; Neutron multiplicities; Fusion-fission and Quasi-fission dynamic.

Sept 2011 until now: Research Scientist at Institute of Experimental and Applied Physics Czech Technical University in Prague. Nuclear reactions studied with heavy ions beam. Synthesis of heavy and superheavy elements. Mass measurement and study of decay properties of super heavy elements (Z = 112 - 118) in complete fusion reactions induced by heavy ion beams. Study of properties of multi nucleon transfer reactions as a method of synthesis of neutron rich heavy and super heavy elements.

Sept 2011 until now: Visiting scientist, Flerov Laboratory of Nuclear Reactions, JINR, Dubna, Russia. Nuclear reactions studied with heavy ions beam. Synthesis of heavy and superheavy elements. Mass measurement and study of decay properties of super heavy elements (Z = 112 - 118) in complete fusion reactions induced by heavy ion beams. Study of properties of multi nucleon transfer reactions as a method of synthesis of neutron rich heavy and super heavy elements. Participation in experiments, with colleagues from China, Mongolia and the Czech Republic, aimed at more precisely determining the effective cross sections in X(n,)Y reactions, where X (Fe, Ca, etc.) are elements present to a large extent in nuclear technology and the human body.

During the visiting stay in FLNR, JINR I was responsible for the following projects: “Cryogenic gas stopping cell”, “Multi-Reflection Time-of-Flight mass spectrometer” and “In-Gas Jet Laser ionization spectroscopy of heavy and super-heavy elements” aimed at studying the physical and chemical properties of heavy and super-heavy elements in FLNR, JINR, Dubna.

Journal publications: 88 (WoS)

Citations 970 (WoS)

H-index: 15 (WoS)