CV

Ivelina Stoianova Dimitrova

Date of birth:	20 Nov 1981
Birthplace:	Yambol, Bulgaria
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Degrees:	*2011* PhD in Nuclear Physics Faculty of Physics, Sofia University “St. Kliment Ohridski” *2006* MSc in Nuclear technique and technologies Faculty of Physics, Sofia University “St. Kliment Ohridski” *2005* BSc in Physics Faculty of Physics, Sofia University “St. Kliment Ohridski”
Work Experience:	*(since 2016)* Associate Professor in the General Physics Department Faculty of Physics, Sofia University “St. Kliment Ohridski”

(2011 – 2016)

Assistant Professor in the General Physics Department
Faculty of Physics, Sofia University "St. Kliment Ohridski"

(Feb 2011 – Dec 2011)

Physicist in the Science and Research Center
Sofia University "St. Kliment Ohridski"

(2007 –2008)

Physicist
The National Hospital in Endocrinology, Sofia

International research projects:

Participant in MetroRADON project, Completed 2017-2021, funded by the by the European Metrology Programme for Innovation and Research (EMPIR), JRP-Contract 16ENV10 MetroRADON (www.euramet.org).

Participant in DoReMi project "Integrated Low Dose Research", completed December 2015., WP4, http://www.doreminoe.net/irradiation_facilities.html

National research projects:

Project leader of „Surveillance and Perusal of Indoor Radon Dynamics (SPIRAD)", funded by the BNSF, ongoing, first stage ended in May 2022.

Participant in „Novel Radioactivity Measurement Techniques Based on Fast Timing, Digitalization, Coincidance and Cross-Correlation Measurements (TDCX)", funded by the BNSF, ongoing, ending June 2023.

Participant in „Advanced Polymer Materials and New Radon Measurement Techniques (POLYRAD)“, Completed 2018, funded by the BNSF.

Participant in „Numerical Methods For Improvement of Cancer Diagnosis and Monitoring in Nuclear Imaging (NUMERICS)“, Completed 2014, funded by the BNSF.

Project leader of „New Experimental Methods for Evaluation of the Concentrations of Radioactive Noble Gases in The Environment and At Archaeological Sites (NEMO)“, Completed 2014, funded by the BNSF.

Other older national and Sofia University funded projects.

Awards:

2012 Best PhD Thesis of 2011

Faculty of Physics, Sofia University “St. Kliment Ohridski”

2007 1st place in the competition „Best Young Researcher’s Talk“

Annual Conference of the Bulgarian Nuclear Society

Advising:

Advisor of 1 Bachelor and 1 Master Thesis

Mentor (2nd advisor) of 3 Thesis.

Teaching:

(since 2006)

Labs in Dosimetry and Radiation Protection, Radioactivity in the Environment and Radioecology, Metrology of Ionizing Radiation

(*since 2016)*

Lectures in General Physics for students in non-physics majors

(*since 2011)*

Labs in General Physics for students in non-physics majors

(2011 – 2013)

Problems in Probability and Statistics for Physicists

Languages: English – proficient

Russian, French – working knowledge