

BILJANA MILENKOVIĆ



PERSONAL DETAILS	
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EDUCATION & PROFESSIONAL TRAININGS	
Academic Education	Doctoral in Physics (PhD): Application of CR-39 detector in neutron detection and dosimetry, University of Kragujevac, Serbia, 18 th November 2013 2002 - 2006 - Master of Science Degree in Physics and Computer Science - Faculty of Science, University of Kragujevac, Serbia (Won awards as a best student in the class and as a best student at whole Faculty of Science on 2006) 1998 - 2002 – Second Gymnasium Kragujevac, Serbia
Conferences and trainings	12 th Neutron and Ion Dosimetry Symposium (NEUDOS-12) from 3-7 June 2013, Aix-en-Provence, France 11 th Neutron and Ion Dosimetry Symposium (NEUDOS-11) from 12-16 October 2009, Cape Town, South Africa
Languages	Serbian – Native English – Active German – Passive
Programming Languages	Fortran, basics C#

PROFESSIONAL EXPERIENCE	
2011-	Project Name: Experimental and theoretical investigations in radiation physics and radioecology Company: Faculty of Science, University of Kragujevac Position: Research Assistant
2007-2010.	Project Name: Theoretical and experimental investigations in microdosimetry and radioecology Company: Faculty of Science, University of Kragujevac Position: Research Trainee
Assistant on courses	Atomic Physics Subatomic Physics Mechanic Modern Physics General Physics for students of Biology

LIST OF PUBLICATIONS	
Papers printed in International Journal on ISI list	<p>1. B. Milenkovic, N. Stevanovic, D. Krstic, D. Nikezic, <i>Numerical solving of the track wall equation in LR115 detectors etched in direct and reverse directions</i>, Radiation Measurements Vol. 44, Issue 1, 57-62 (2009) DOI: 10.1016/j.radmeas.2008.10.014 [Импакт фактор: 1.267; 4/30; 2008; Subject Category: Nuclear Science & Technology] [M21]</p> <p>2. Goran Dugalic, Dragana Krstic, Miodrag Jelic, Dragoslav Nikezic, Biljana Milenkovic, Mira Pucarevic, Tijana Zeremski-Skoric, <i>Heavy metals, organics and radioactivity in soil of western Serbia</i>, Journal of Hazardous Materials Vol. 177, Issues 1-3, 697-702 (2010) DOI: 10.1016/j.jhazmat.2009.12.087 [Импакт фактор: 4.144; 11/181; 2009; Subject Category: Environmental Sciences] [M21]</p> <p>3. Biljana Milenković, Dragoslav Nikezić, Nenad Stevanović, <i>A simulation of neutron interaction from Am-Be source with the CR-39 detector</i>, Radiation Measurements, Vol. 45, Issue 10, 1338-1341 (2010) DOI: 10.1016/j.radmeas.2010.06.049 [Импакт фактор: 1.267; 4/30; 2008; Subject Category: Nuclear Science & Technology] [M21]</p> <p>4. B. Milenkovic, N. Stevanovic, D. Nikezic, M. Ivanovic, <i>Computer program Neutron_CR-39 for simulation of neutrons from an Am-Be source and calculation of proton track profiles</i>, Computer Physics Communications, Vol. 182, Issue 7, 1536-1542 (2011) DOI: 10.1016/j.cpc.2011.03.024 [Импакт фактор: 3.268; 2/55; 2011; Subject Category: Physics, Mathematical] [M21]</p> <p>5. Ljiljana Gulan, Biljana Milenkovic, Jelena Stajic, Biljana Vuckovic, Dragana Krstic, Tijana Zeremski, Jordana Ninkov, <i>Correlation between radioactivity levels and heavy metal content in the soils of North Kosovska Mitrovica environment</i>, Environmental Science: Processes & Impacts (Formerly the Journal of Environmental Monitoring), Vol. 15, 1735-1742 (2013) DOI:10.1039/c3em00208j [Импакт фактор: 2.085; 84/209; 2012; Subject Category: Environmental Sciences] [M22]</p> <p>6. B. Milenkovic, N. Stevanovic, D. Krstic, D. Nikezic, <i>Neutron detection by a CR-39 detector and analysis of proton tracks etched in the same and opposite directions</i>, Radiation Protection Dosimetry, Vol. 161, Issue 1-4, 108-111 (2014) DOI: 10.1093/rpd/nct321</p>

	<p>[Импакт фактор: 0.909; 16/34; 2012; Subject Category: Nuclear Science & Technology] [M22]</p> <p>7. D. Krstic, V. Markovic, Z. Jovanovic, B. Milenkovic, D. Nikezic, J. Atanackovic, Monte Carlo calculations of lung dose in ORNL phantom for boron neutron capture therapy <i>Radiation Protection Dosimetry</i>, Vol. 161, Issue 1-4, 269-273 (2014) DOI: 10.1093/rpd/nct365</p> <p>[Импакт фактор: 0.909; 16/34; 2012; Subject Category: Nuclear Science & Technology] [M22]</p> <p>8. B. Milenkovic, N. Stevanovic, D. Nikezic, D. Kosutic, Determination of a CR-39 detector response to neutrons from an Am-Be source <i>Applied Radiation and Isotopes</i>, Vol. 90, Issue 1, 225-228 (2014) DOI: 10.1016/j.apradiso.2014.04.008</p> <p>[Импакт фактор: 1.231; 8/34; 2014; Subject Category: Nuclear Science & Technology] [M21]</p> <p>9. Jelena M. Stajic, Biljana Milenkovic, Dragoslav Nikezic, Radon concentrations in schools and kindergartens in Kragujevac city, Central Serbia <i>CLEAN – Soil, Air, Water</i>, Vol. 43, Issue 10, 1361–1365 (2015) DOI: 10.1002/clen.201400830</p> <p>[Импакт фактор: 1.945; 100/223; 2014; Subject Category: Environmental Sciences] [M22]</p> <p>10. B. Milenkovic, J.M. Stajic, Lj. Gulan, T. Zeremski, D. Nikezic, Radioactivity levels and heavy metals in the urban soil of Central Serbia <i>Environmental Science and Pollution Research</i>, Vol. 22, Issue 21, 16732-16741 (2015) DOI: 10.1007/s11356-015-4869-9</p> <p>[Импакт фактор: 2.828; 54/223; 2014; Subject Category: Environmental Sciences] [M21]</p> <p>11. D. Nikezic, B. Milenkovic, K.N. Yu, Databank of proton tracks in polyallyldiglycol carbonate (PADC) solid-state nuclear track detector for neutron energy spectrometry <i>Nuclear Instruments and Methods in Physics Research. Section A</i>, Vol. 802, 97-101 (2015) DOI: http://dx.doi.org/10.1016/j.nima.2015.08.054</p> <p>[Импакт фактор: 1.216; 9/34; 2014; Subject Category: Nuclear Science & Technology] [M21]</p> <p>12. J.M. Stajic, B. Milenkovic, M. Pucarevic, N. Stojic, I. Vasiljević, D. Nikezic, Exposure of school children to polycyclic aromatic hydrocarbons, heavy metals and radionuclides in the urban soil of Kragujevac City, Central Serbia <i>Chemosphere</i>, Vol. 146, 68-74 (2016) DOI: 10.1016/j.chemosphere.2015.12.006</p> <p>[Импакт фактор: 3.698; 37/225; 2015; Subject Category: Environmental Sciences] [M21]</p> <p>13. G. Djelic, D. Krstic, J.M. Stajic, B. Milenkovic, M. Topuzovic, D. Nikezic, D. Vucic, T. Zeremski M. Stankovic, D. Kostic, Transfer factors of natural radionuclides and ¹³⁷Cs from soil to plants used in traditional medicine in Central Serbia <i>Journal of Environmental Radioactivity</i>, Vol. 158-159, 81–88 (2016) DOI: 10.1016/j.jenvrad.2016.03.028</p> <p>[Импакт фактор: 2.047; 99/225; 2015; Subject Category: Environmental Sciences] [M22]</p> <p>14. Biljana Vuckovic, Ljiljana Gulan, Biljana Milenkovic, Jelena M Stajic, Gordana Milic, Indoor radon and thoron concentrations in some towns of central and South Serbia <i>Journal of Environmental Management</i>, Vol. , – (2016) DOI: 10.1016/j.jenvman.2016.09.053</p> <p>[Импакт фактор: 3.131; 54/225; 2015; Subject Category: Environmental Sciences] [M21]</p>
Book chapters	<p>1. N. Stevanovic, B. Milenkovic, D. Nikezic. Software for Determination of Track Parameters in Nuclear Track Detectors Etched in Reverse Direction. <i>Horizons in Computer Science Research</i>, Vol. 3, Ch. 5, 89-108, Nova Science Publishers, New York, 2011. ISBN: 978-1-61122-807-6 (M14)</p> <p>2. D. Nikezic, V.M. Markovic, N. Stevanovic, V. Urosevic, B. Milenkovic and J. Stajic. Radon diffusion through the medium. <i>Handbook of Radon: Properties, Applications and Health</i>, Ch. 12, 311-333, Nova Science Publishers, New York, 2012. ISBN: 978-1-62100-177-5, 2011 (M14)</p>
Papers on the international	<p>1. B. Milenković, N. Stevanović, D. Nikezić, J. Stajić, V. Marković, D. Krstić, Analysis of proton tracks</p>

conferences	<p><i>etched in reverse direction in PADC detector used for neutron irradiation,</i> The First International Conference on Radiation and Dosimetry in Various Fields of Research, Serbia, 93-96, (2012) [M33], ISBN: 978-86-6125-063-7</p> <p>2. B. Milenković, D. Krstić, D. Nikezić, N. Stevanović, <i>Monte Carlo calculations of the neutron dose equivalent in the ICRU slab,</i> The Second International Conference on Radiation and Dosimetry in Various Fields of Research, Serbia, 147-149, (2014) [M33], ISBN: 978-86-6125-101-6</p> <p>3. Ljiljana Gulan, Biljana Milenković, Biljana Vučković, Gordana Milić, <i>Measurements of radioactivity levels in the soil samples from Pristina, Kosovo and Metohija, Serbia,</i> Fourth International Conference on Radiation and Applications in Various Fields of Research, Serbia, 448, (2016) [M34], ISBN: 978-86-6125-160-3</p> <p>4. Biljana Vuckovic, Ljiljana Gulan, Biljana Milenkovic, Jelena Stajic, Gordana Milic, <i>Indoor radon and thoron concentrations in some municipalities at southern part of Serbia,</i> Fourth International Conference on Radiation and Applications in Various Fields of Research, Serbia, 500, (2016) [M34], ISBN: 978-86-6125-160-3</p>
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