

Jasna Stevanović



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Date of Birth: 15.10.1979.

Place of Birth: Kragujevac

Education

- 2014 PhD in Physics „Corrected transition rate to the ADK theory in the process of tunnel ionization“, Faculty of Science, Department of Physics, University of Kragujevac
- 2007 MSc in Physics, Faculty of Science, Department of Physics, University of Kragujevac
- 1998 – 2004 BCs, Faculty of Science, Department of Physics, University of Kragujevac (9.01)

Work experience

- 2004-2005 Reasearcher on the project Ministry of Science of the Republic of Serbia “Dynamics of atomic systems and their interaction with radiation” (Project No. 1470) University of Kragujevac, Faculty of Science, Department of Physics
- 2006-2010 Reasearcher on the project Ministry of Science of the Republic of Serbia “Theoretical and experimental investigations in microdosimetry and radioecology” (Project No. 141023) University of Kragujevac, Faculty of Science, Department of Physics
- 2011 - Reasearcher on the project Ministry of Science of the Republic of Serbia “Experimental and theoretical investigations in radiation physics and radioecology” (Project No. 171021) University of Kragujevac, Faculty of Science, Department of Physics
- 2013 - Teaching Assistant, University of Kragujevac, Faculty of Science, Department of Physics

Teaching experience

- Mathematical physics 1
- Mathematical physics 2
- Theoretical mechanics
- Quantum optics
- Using microcomputers in physics
- Physics 1
- General theory of relativity

- Theoretical research in interaction of electromagnetic radiation with matter

Papers in International Journals

V. M. Ristić, **J. M. Stevanović** and M. M. Radulović, "Transition rate dependence on the improved turning point in ADK-theory", Laser Physics Letters, Vol. 3, No. 6, 298-300 (2006)

V. M. Ristić and **J. M. Stevanović**, "Transition rate dependence on the atom charge states, Z ", Laser Physics Letters, Vol. 4, No. 5, 354-356 (2007)

V. M. Ristić and **J. M. Stevanović**, "Atom charge states, Z and comparing the ADK and cADK-theories", Laser Physics, Vol. 19, No. 5, 989-992 (2009)

V. M. Ristić, T. B. Miladinović and **J. M. Stevanović**, "Circularly polarized laser fields, with different Z , including non-zero initial momentum", Acta Physica Polonica A Vol. 119, No. 6, 761-763 (2011)

J. M. Stevanović, T. B. Miladinović, M. M. Radulović and V. M. Ristić, "Ionization rate for circularly polarized laser fields with modified ionization potential included", Physica Scripta T149, 014046 (2012)

T. B. Miladinović, **J. M. Stevanović**, M. M. Radulović and V. M. Ristić, "The energy at which the maximum number of photoelectrons are observed during the ionization of potassium and xenon atoms", Physica Scripta T149, 014047 (2012)

M. M. Radulović, **J. M. Stevanović**, T. B. Miladinović, V. M. Ristić, "The role of the non-zero initial momentum and modified ionization potential in the corrected Ammosov-Delone-Krainov theory", Romanian Journal of Physics, 58, 127-135 (2013)

V.M. Ristić, M.M. Radulović, T.B. Miladinović and **J.M. Stevanović**, "Getting deeper insight into stopping power problems in radiation physics using the Noether's theorem corollary", Nuclear Technology and Radiation Protection Vol. 29, No. 1, 24-27 (2014)

**Contributions to International Conferences
(Published in the Conference Proceedings)**

V. M. Ristić, **J. M. Stevanović** and M. M. Radulović, "Transition Rate Dependence on the Atom Charge States, Z", 23rd SPIG, Contributed Papers, 83-87 (2006)

V. M. Ristić, T. B. Miladinović and **J. M. Stevanović**, "Ionization Transition Rate for Circularly Polarized Fields, for different Z, Including non-zero Initial Momentum", 25th SPIG, Contributed Papers, 45-48 (2010)

Scientifics
Conferences

Balkan Summit of Young Scientists
17-19 December 2010, Thessaloniki, Greece

III International School and Conference on Photonics
29 August- 2 September, 2011, Belgrade, Serbia