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<b>Консултације</b>	Уторак, 12 <sup>30</sup> - 14 <sup>30</sup> зимски семестар Понедељак, 11 <sup>00</sup> – 13 <sup>00</sup> летњи семестар	
<b>Уже области</b>	<ul style="list-style-type: none"> <li>• Електротехника и рачунарство</li> <li>• Рачунари и пројектовање</li> </ul>	
<b>Предмети</b>		
<b>Назив</b>	<b>Студијски програм</b>	<b>Ниво студија</b>
• Основе информационих технологија	• Информатика	Основне
• Рачунарске мреже	• Информатика	Основне
• Управљање и надзор дистрибутивним системима	<ul style="list-style-type: none"> <li>• Информатика</li> <li>• Урбано инжењерство</li> </ul>	Основне
<b>Напомена</b>		

# CURRICULUM VITAE

## PERSONAL DETAILS

	Name and surname	<b>Tatjana Miladinović</b>
	Year and place of birth	<b>24.06.1977. Kragujevac</b>
	Title	<b>PhD</b>
	E-mail/web site	<b>tanja.miladinovic@gmail.com</b>
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	Educational/scientific/ artistic field	<b>Physics, Informatics</b>
	University, faculty, organizational unit	<b>Technical college of applied studies, Kragujevac</b>
	Field and subspecialization	<b>Informatics, atomic, molecular and optical physics</b>

## PROFESSIONAL BIOGRAPHY - DEGREES

Basic studies	<b>University of Kragujevac, Faculty of Science, department of physics, 2006.</b>
Doctoral thesis	<b>University of Kragujevac, Faculty of Science, department of physics, 2014. („Inclusion of non zero momentum of an electron in the estimation of the transition rate in Ammosov-Delone- Krainov theory for the case of low-frequency linearly and circularly polarized laser field“)</b>

## PROFESSIONAL BIOGRAPHY – TITLES/ Work experiens

Year of election (reelection)	
2017. -	Professor at applied studies, Tehnical College of applied studies, Kragujevac, Serbia
2015. – 2017.	Project Name: Experimental and theoretical investigations in radiation physics and radioecology Company: Faculty of Science, University of Kragujevac Position: Research Associate
2009. – 2015.	Project Name: Experimental and theoretical investigations in radiation physics and radioecology Company: Faculty of Science, University of Kragujevac Position: Research Assistant
2006. – 2009.	Project Name: Theoretical and experimental investigations in microdosimetry and radioecology Company: Faculty of Science, University of Kragujevac Position: Research Trainee

## REFERENCE

<p><b>Papers in leading journals of international relevance:</b> A leading international journal is ranked in the journals from the SCI list by science/field categories.</p>
<ol style="list-style-type: none"> <li>1. V.M. Ristić, <b>T.B. Miladinović</b> and M.M. Radulović, <b>Transition Rate Dependence on the Non-Zero Initial Momentum in the ADK-Theory</b>, <i>Acta Physica Polonica A</i>, <b>112</b>, No. 5, 909- 914 (2007); <b>ISSN: 0587-4246</b>; (IF = 0.340 za 2007. godinu; 60/69; oblast: Physics, Multidisciplinary), <b>[M23]</b></li> <li>2. V.M. Ristić, <b>T.B. Miladinović</b> and M.M. Radulović, <b>Analyzing the Transition Rates of the Ionization of Atoms by Strong Fields of a CO<sub>2</sub> Laser Including Nonzero Initial Momenta</b>, <i>Laser Physics</i>, <b>18</b>, No.10, 1183-1187 (2008); <b>ISSN: 1054-660X</b>; (IF = 0.777 za 2008. godinu; 78/96; oblast: Physics, Applied), <b>[M23]</b></li> </ol>

3. V.M. Ristić, **T.B. Miladinović** and M.M. Radulović, **Calculating Ionization Transition Rate for Circularly Polarized Fields, Including Non-Zero Initial Momentum**, *Acta Physica Polonica A*, **116**, No. 4, 504- 506 (2009); **ISSN:** 0587-4246; (IF = 0.433 za 2009. godinu; 60/71; oblast: Physics, Multidisciplinary), **[M23]**
4. V.M. Ristić, **T.B. Miladinović**, J.M. Stevanović, **Circularly polarized laser fields, with different Z, including non-zero initial momentum**, *Acta Physica Polonica A*, **119**, No. 6 761-763 (2011); **ISSN:** 0587-4246; (IF = 0.467 za 2010. godinu; 63/80; oblast: Physics, Multidisciplinary), **[M23]**
5. V.M. Ristić, M.M. Radulović, **T.B. Miladinović**, **Stern-Gerlach Experiment's Interpretations and Noether's Theorem**, *Int. J. Theor. Phys.*, **50**, No.11, 3602-3609 (2011); **ISSN: 0020-7748; DOI:** 10.1007/s10773-011-0867-y; (IF = 0.845 za 2011. godinu; 48/84; oblast: Physics, Multidisciplinary), **[M23]**
6. **T.B. Miladinović**, J.M. Stevanović, M.M. Radulović, 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); **ISSN: 0031-8949; DOI:**10.1088/0031-8949/2012/T149/014047; (IF = 1.204 za 2011. godinu; 35/84; oblast: Physics, Multidisciplinary), **[M22]**
7. 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); **ISSN: 0031-8949; DOI:**10.1088/0031-8949/2012/T149/014046; (IF = 1.204 za 2011. godinu; 35/84; oblast: Physics, Multidisciplinary), **[M22]**
8. **T.B. Miladinović**, V.M. Petrović and V.M. Ristić, **Influence of ponderomotive potential and non-zero initial momentum of ejected electron on transition rate in multiphoton ionization**, *Acta Physica Polonica A*, **124**, No. 4, 658 – 660 (2013); **ISSN:** 0587-4246; DOI:10.12693-APhysPolA.124.658; (IF = 0.604 za 2013. godinu; 65/83; oblast: Physics, Multidisciplinary), **[M23]**
9. M.M. Radulović , J.M. Stevanović, **T.B. Miladinović** and 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), **ISSN:** 1221-146X; (IF = 0.745 za 2013. godinu; 59/78; oblast: Physics, Multidisciplinary), **[M23]**
10. V.M. Ristić, M.M. Radulović, **T.B. Miladinović**, J.M. Stevanović, **Getting Deeper Insight Into Stopping Power Problems in Radiation Physics Using the Noether's Theorem Corollary**, *Nuclear Technology & Radiation Protection*, 29, No.1, 24-27, (2014); **ISSN:** 1451-3994; (IF = 0.560 za 2014. godinu; 14/34; oblast: Physics, Nuclear Science & Technology) **[M23]**
11. **T.B. Miladinović**, V.M. Petrović, **Quasiclassical approach to tunnel ionization in the non relativistic and relativistic regimes**, *Revista Mexicana de Fisica*, 60, No. 4, 290-295, (2014); **ISSN:** 0035-001X; (IF = 0.339 za 2014. godinu; 74/78; oblast: Physics, Multidisciplinary) **[M23]**
12. V.M. Petrović, **T.B. Miladinović**, **Influence of the spatial and temporal distribution of an incident laser beam profile on the energy distribution of ionized photoelectrons**, *JETP*, 119, No. 4, 651-656 (2014); **ISSN:**1063-7761; DOI: 10.1134/S1063776114100082; (IF = 0.879 za 2014. godinu; 55/78; oblast: Physics, Multidisciplinary) **[M23]**
13. V. Petrović, **T. Miladinović** ,V. Ristić, **Single and double tunneling ionization of the noble gases exposed to a linearly or circularly polarizes laser field**, *Romanian Reports in Physics*, 66, No 4, 929-938 (2014); **ISSN:**1221-1451; (IF = 1.517 za 2014. godinu; 32/78; oblast: Physics, Multidisciplinary) **[M22]**
14. **Tatjana B. Miladinović**, Violeta M. Petrović, **Relativistic angular distribution of photoelectrons in the tunneling ionization of atoms by a linearly polarized laser field**, *Brazilian Journal of Physics*, **45**, No. 2, 251 – 257(2015); **ISSN:** 0103-9733; DOI: 10.1007/s13538-015-0303-5; (IF = 1.042 za 2015. godinu; 44/79; oblast: Physics, Multidisciplinary), **[M22]**
15. **Tatjana B. Miladinović**, Violeta M. Petrović, **Behavior of the relativistic angular and energy distributions of atoms exposed to a strong and low-frequency circularly polarized laser field**, *Chinese Optics Letters*, **13**, No. 7, 070005– 4 (2015); **ISSN:** 1671-7694; DOI:10.3788/COL201513.070005; (IF = 1.899 za 2015. godinu; 32/90; oblast: Physics, Optics), **[M22]**

16. **Tatjana B. Miladinović**, Violeta M. Petrović, **Laser field ionization rates in the barrier-suppression regime**, *Journal of Russian Laser Research*, **36**, No. 4, 312 – 319 (2015); ISSN: 1071-2836; DOI:10.1007/s10946-015-9505-0; (IF = 0.800 za 2015. godinu; 67/90; oblast: Physics, Optics), [M23]
17. Violeta M. Petrović, **Tatjana B. Miladinović**, **Photoelectrons angular an energy distributions from laser- ionized argon atom**, *Romanian Journal of Physics*, **60**, No. 9-10,1450-1461 (2015); ISSN: 1221-146X; (IF = 1.398 za 2015. godinu; 39/79; oblast: Physics, Multidisciplinary), [M22]
18. **Tatjana B. Miladinović**, Violeta M. Petrović, **Behaviour of tunneling transition rate of argon atom exposed to strong low-frequency elliptical laser field**, *Pramana journal of physics*, **86**, 565– 573, (2016); ISSN: 0304-4289; DOI:10.1007/s12043-015-1023-7; (IF = 0.520 za 2016. godinu; 66/79; oblast: Physics, Multidisciplinary), [M23]
19. Violeta M. Petrović, **Tatjana B. Miladinović**, **Effect of the corrected ionization potential and spatial distribution on the angular and energy distribution in tunnel ionization**, *Journal of Experimental and Theoretical Physics*, **122**, No 5, 813-817, (2016); ISSN:1063-7761; DOI: 10.1134/S1063776116050101; (IF = 1.196 za 2016. godinu; 43/79; oblast: Physics, Multidisciplinary) [M22]
20. Violeta M. Petrović, **Tatjana B. Miladinović**, **Improved treatment of the turning point in tunnel ionization of atoms in a low-frequency two color laser field**, *Laser Physics Letter*, **13**, No. 12, 125401-6pp, (2016); ISSN:1612-2011; DOI:10.1088/1612-2011/13/12/125401; (IF = 2.537 za 2016. godinu; 29/92; oblast: Physics, Optics) [M22]
21. Violeta M. Petrović, **Tatjana B. Miladinović**, **Kinetic energy distribution of photoelectrons in the tunnel ionization process in the case of ultrashort laser pulses**, *Journal of Nonlinear Optical Physics & Materials*, **25**, No.3, 1650040-1, (2016); ISSN: 0218-8635; DOI: 10.1142/S0218863516500405; (IF = 1.000 za 2016. godinu; 71/92; oblast: Physics, Optics) [M23]
22. Violeta M. Petrović, **Tatjana B. Miladinović**, **Effect of Electron-Electron Correlation on the Nonsequential Ionization Process in a Linearly Polarized Laser Field**, *Romanian Journal of Phzics*, **62**, No. 1-2, Article no. 202, 1-13 (2017); ISSN:1221-146X; (IF = 1.758 za 2016. godinu; 28/79; oblast: Physics, Multidisciplinary) [M22]

**Monographic study/chapter in book M12 or work in the thematic volume of international significance:**

1. **Tatjana Miladinović**, Ivan Petrović, **Information technology and tourism in Serbia**, *2<sup>nd</sup> International scientific Conference Tourism in Function of Development of the Republic of Serbia*, Thematic proceedings, pp 490 – 508, Vrnjačka Banja, 1- 3.06. 2017. [M14]

**International conference papers, published in full:**

1. V.M. Ristić, **T.B. Miladinović** and M.M. Radulović, **Some Aspects of Including Non-Zero Initial Momenta Into Ionization of Atoms by Strong Low-Frequency Laser Fields**, *24th Summer School and International Symposium on the Physics of Ionized Gases*, vol. **84**, 231-235 (2008); ISSN 0373-3742, [M33]
2. 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 Summer School and International Symposium on the Physics of Ionized Gases*, vol. **89**, 45-48 (2010); ISSN 0373-3742, [M33]

**Papers in a leading journal of national relevance, published in the english language:**

1. Ivan D. Petrovic, Violeta M. Petrović, **Tatjana B. Miladinović**, **Theoretical and expert system approach to photoionization theories**, *Kragujevac J. Sci.* **38**, 53-62, (2016); ISSN 1450-9636, [M51]