|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Име и презиме** | | | Душан Мрђа | | | | | | |
| **Звање** | | | Редовни професор | | | | | | |
| **Ужа научна област** | | | Нуклеарна физика | | | | | | |
| **Академска каријера** | | Година | Институција | | | Област | | Ужа научна односно уметничка област | |
| Избор у звање | | 2016. | ПМФ Нови Сад | | | Физика | | Нуклеарна физика | |
| Докторат | | 2007. | ПМФ Нови Сад | | | Физика | | Нуклеарна физика | |
| Магистратура | | 2004 | ПМФ Нови Сад | | | Физика | | Нуклеарна физика | |
| Мастер диплома | | --- | -- | | | -- | | -- | |
| Диплома | | 2001. | ПМФ Нови Сад | | | Физика | | Нуклеарна физика | |
| **Списак предмета које наставник држи на докторским студијама** | | | | | | | | | |
| **Р.Б.** | **Ознака** | | | **Назив предмета** | | | | | |
| 1. | ФД18ИКЗ | | | Интеракције космичког зрачења | | | | | |
| Најзначајнији радови  **у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)** | | | | | | | | | |
| 1. | D.Velimirovic, D.Mrdja,K.Bikit,J.Hansman,K.Jovana,S.Forkapic, T.Nemes,I.Bikit,*Terrestrial-origin skyshine at sea level*, Radiation Physics and Chemistry, Volume 204, March 2023 , Article number 110716 | | | | | | | | M21 |
| 2. | J.Knezevic, D.Mrdja, K.Bikit, J.Hansman, S.Forkapic, D.Velimirovic, I.Bikit, *Time characterization of cosmic-ray induced events in HPGe detector by Monte Carlo simulations*, Nuclear Instruments and Methods in Physics Research*, Section A,* Volume 10321, June 2022 , Article number 166624 | | | | | | | | M22 |
| 3. | J.Knezevic, D.Mrdja, K. Bikit-Schroeder , J.Hansman, I.Bikit, J.Slivka, *Search for variations of N22a decay constant*, Applied Radiation and Isotopes, Volume 163, September 2020, Article number 109178 | | | | | | | | M22 |
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| 5. | Mrdja D., Bikit K. Bikit I.,Slivka J.,Forkapic S., Knezevic J., *Monte Carlo simulation of beta particle-induced bremsstrahlung doses*, Journal of Radiological ProtectionVolume 38, Issue 1, Pages 34 – 47, March 2018 | | | | | | | | M21 |
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| 7. | I.Bikit, D.Mrdja, K.Bikit, J.Slivka, N.Jovancevic, L.Oláh,G.Hamar,D.Varga, *Novel approach to imaging by cosmic-ray muons*, EPL (Europhysics Letters), 113, 2016 | | | | | | | | M21 |
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| 12. | I.Bikit, T.Nemes, D.Mrda, *Simple method for absolute activity measurement of 60Co source*, Nuclear Instruments and Methods in Physics Research A , 2009.,Vol. 603, str. 333- 336 | | | | | | | | M21 |
| 13. | I. Bikit, T.Nemes, D.Mrda, N.Jovancevic, *On the absolute source activity measurement with a single detector:The 133Ba case*, Nuclear Instruments and Methods in Physics Research A, 2009., Vol. 612, str. 103-111 | | | | | | | | M21 |
| 14. | I.Bikit, D.Mrda, I.Aničin, M.Veskovic, J.Slivka, M.Krmar, N.Todorovic, S.Forkapic, *Production of X-rays by cosmic muons in heavily shielded gamma ray spectrometers*, Nuclear Instruments and Methods in Physics Research A, 2009., Vol. 606, str.495-500 | | | | | | | | M21 |
| 15. | T.Nemes, D.Mrda, I.Bikit, S.Grujic, *An improved formula for determination of the activity via the sum-peak method* , Applied Radiation and Isotopes 114 (2016) 173–178 | | | | | | | | M21 |
| 16. | [Bikit Istvan,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Bikit%20Istvan%20S)[Mrdja Dusan,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Mrdja%20Dusan%20S)[Bikit Kristina,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Bikit%20Kristina%20I)[Grujic Selena,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Grujic%20Selena%20D)[Knezevic D,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Knezevic%20D)[Forkapic Sofija,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Forkapic%20Sofija%20M)[Kozmidis-Luburic Uranija, *Radon adsorption by zeolite*, RADIATION MEASUREMENTS, (2015), vol. 72 br. , str. 70-74](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Kozmidis-Luburic%20Uranija) | | | | | | | | M21 |
| **Збирни подаци научне активност наставника** | | | | | | | | | |
| Укупан број цитата, без аутоцитата | | | | | 737 (Укупан број цитата - Извор: Scopus) | | | | |
| Укупан број радова са SCI (или SSCI) листе | | | | | 88 ( Извор: Scopus) | | | | |
| Тренутно учешће на пројектима | | | | | Домаћи 1 | | Међународни 2 | | |
| Усавршавања | | | | | Макс Планк Институт, Минхен, Немачка , 2002. година | | | | |
| Други подаци које сматрате релевантним ------------------- | | | | | | | | | |
| Максимална дужине не сме бити већа од 1 странице А4 | | | | | | | | | |