

Dr Dragoslav R. Nikezić, redovni profesor
Curriculum Vitae

<i>Prezime:</i>	Nikezić
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OBRAZOVANJE

<i>Osnovna škola:</i>	Aleksinac , Srbija, 1960 – 1968.
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<i>Studije fizike:</i>	Filozofski fakultet, Grupa za fiziku Univerzitet u Nišu Niš, 1972 – 1976.
<i>Poslediplomske studije:</i>	Prirodno-matematički fakultet Univerzitet u Kragujevcu Kragujevac, 1984.
<i>Doktorske studije:</i>	Prirodno-matematički fakultet Univerzitet u Kragujevcu, Kragujevac, 1990.
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PROFESIONALNA KARIJERA

<i>Docent:</i>	Institut za fiziku Prirodno-matematički fakultet Univerzitet u Kragujevcu Kragujevac, 1991 –1998
<i>Vanredni profesor:</i>	Institut za fiziku Prirodno-matematički fakultet Univerzitet u Kragujevcu Kragujevac, 1998 –2005
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<i>Predmeti koje predaje:</i>	Atomska fizika, Subatomska fizika
<i>Naučna oblast istraživanja:</i>	Radijaciona fizika

UČEŠĆE NA PROJEKTIMA

Domaći:	Broj projekta	Naziv projekta
	1425	Razvoj eksperimentalnih i teorijskih modela u radioekologiji

NAUČNI RADOVI (ISI lista)

- 2.1. *Nikezic, D.*, Markovic, P. and Dj. Bek Uzarov. Calculating the calibration coefficient for radon measurements with the bare LR-115 detector. **Health Physics** 62, 239-244 (1992).
- 2.2. *Nikezic, D.*, Markovic, P. and Dj. Bek Uzarov. Determination of calibration coefficient for radon measurements using a track detector. **Health Physics** 64, 628 -632 (1993).
- 2.3. *Nikezic, D.* and Velickovic D. Calibration coefficient for radon measurements with LR-115 track detector in different types of diffusion chambers. **Radiation Measurements** 23, 219-223 (1994).
- 2.4. *Nikezic, D.* Determination of detection efficiency for radon and radon daughters with CR 39 track detector - a Monte Carlo study. **Nuclear Instruments & Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**, 344, 406-414 (1994).
- 2.5. *Nikezic, D.*, Kostic, D., Krstic, D., Savovic, S. Sensitivity of radon Measurements with CR-39 track etch detector - a Monte Carlo study, **Radiation Measurements**, 25, 647-648 (1995)
- 2.6. *Nikezic, D.* and Baixeras, C. Analysis of sensitivity of LR 115 II in cylindrical diffusion chambers for radon concentration determination, **Nuclear Instruments & Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**, 364, 531-536 (1995)
- 2.7. *Nikezic, D. and Krstic D.* A study of amplifying the response of an LR115 solid state track detector by combining it with electret, **Health Physics**, 69, 944-948 (1995)
- 2.8. *Nikezic, D., Baixeras, C. and Kostic, D.* Sensitivity determination and optimization of a cylindrical diffusion chamber, for radon measurements, with a CR39 detector, **Nuclear Instruments & Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**, 373, 290-298 (1996)
- 2.9. *Nikezic, D. and Baixeras C.* Radon, radon progeny and equilibrium factor determination using an LR115 detector, **Radiation Measurements**, 26, 203-213 (1996)
- 2.10. *D. Nikezic and D. Kostic.* Simulation of the track growth and determining the track parameters. **Radiation Measurements**, 28, 185-190 (1997).
- 2.11. *D. Kostic, D. Nikezic* and Dj. Bek-Uzarov. Effective Dose Estimation for the Population in Kragujevac due to the Chernobyl Accident, **Journal of Environmental Radioactivity**, 34, 253-266 (1997).

- 2.12. *Nikezic, D.* and Urosevic V. A theoretical study of radon measurement with activated charcoal. **Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**, 406, 486-498 (1998).
- 2.13. *D. Nikezic* and K.N.Yu. The influence of thoron and its progeny on radon measurements with CR39 detector in diffusion chamber. **Nuclear Instruments and Methods in Physics Research- A**, 419, 175-180,(1998).
- 2.14. *D. Nikezic* and K.N.Yu. Modelling radon progeny behaviour on surfaces and note on radon retrospective dosimetry. **Radiation Protection Dosimetry**, 82, 141-146, (1999).
- 2.15. *D. Nikezic* and K.N.Yu. Relationship between the Activity of ^{210}Po incorporated in the surface of an object and potential α - energy concentration. **Journal of Environmental Radioactivity**, 47, 45-55,(1999)
- 2.16. V. Urosevic, *D. Nikezic*, S. Vulovic i M. Kojic. Optimization of radon measurements with active charcoal. **Health Physics**, 76, 687-691, (1999).
- 2.17. *D.Nikezic*, and K.N.Yu. Determination of deposition behaviour of ^{218}Po from track density distribution on SSNTD in diffusion chamber. **Nuclear Instruments And Methods. A** 437, 531-537 (1999)
- 2.18. *D. Nikezic*, K.N.Yu, T.T.K.Cheung, A.K.M.M.Haque and D. Vucic. Effects of different lung morphometry models on the calculated lung dose from radon progeny. **Journal of Environmental Radioactivity**, 47, 263-277, (2000).
- 2.19. *D. Nikezic* and K. N. Yu. Monte carlo calculations of LR115 detector response to ^{222}Rn in the presence of ^{220}Rn . **Health Physics**, 78, 414-419, (2000)
- 2.20. *D. Nikezic*. Three dimensional analytical determination of the track parameters. **Radiation Measurements**, 32, 277-282, (2000)
- 2.21. *D. Nikezic* and K. N. Yu. Uncertainty in Radon Measurements with CR39 Detector due to Unknown Deposition of ^{218}Po . **Nuclear Instruments and Methods in Physics Research Journal (Section A)**, Volume 450, Issues 2-3, 11, Pages 568-572, (2000)
- 2.22. V. Urosevic and *D. Nikezic*. Simulation of skim of method for radon measurements with active charcoal. **Applied Radiation and Isotopes** 55(1), 127-130, (2001)
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- 2.24. *D. Nikezic* and K.N. Yu. Alpha hit frequency of sensitive cells in T-B tree due to radon progeny. **International Journal of Radiation Biology**, Volume 77,(5), 559-565, (2001)
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- 2.28. *D. Nikezic* and K.N.Yu. Microdosimetric calculation of absorption fraction and the resulting dose conversion factor for radon progeny. **Radiation and Environmental Biophysics** 40:207-211, (2001)
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- 2.33. *D. Nikezic* and K.N.Yu. Alpha-particle lineal energy spectra for the human lung. **International Journal of Radiation Biology**. 78(7), 605-609 , 2002
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2.72. C.W.Y. Yip, D. Nikezic, J.P.Y. Ho and K.N. Yu. "Chemical etching characteristics for cellulose nitrate". *Materials Chemistry and Physics*, Volume 95, Issues 2-3, pages 307-312, February 2006.

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2.83 S.Y.Y. Leung, D. Nikezic, J.K.C. Leung and K.N. Yu. Derivation of V function for LR 115 SSNTD from its sensitivity to ^{220}Rn in a diffusion chamber. Applied Radiation and Isotopes, Volume 65, Issue 3, March 2007, Pages 313-317

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2.94. K.N. Yu, H.H.W. Lee, A.W.T. Wong, Y.L. Law, S.F.L. Cheung, D. Nikezic and F.M.F. Ng. *Optical appearance of alpha-particle tracks in CR-39 SSNTD.* Nuclear Instruments and Methods Section B. 263, Issue 1, October 2007, Pages 271-278

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- 2.96. F.M.F. Ng, K.Y. Luk, D. Nikezic and K.N. Yu. *Determination of alpha-particle track depths in CR-39 detector from their cross-sections and replica heights*. Nuclear Instruments and Methods Section B. 263, Issue 1, October 2007, Pages 266-270
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UDŽBENICI

S. Stamenković, D. Nikezić. Uvod u fiziku. PMF-Kragujevac, 1995
D. Nikezić. Praktikum Atomske i Nuklearne fizike, PMF Kragujevac 1998
Delimični neregencenzirani prevod. Atoms
D. Nikezić. Fortran 90 i Visual Fortran. Kragujevac. 2005.

MENTORSTVO

<i>Doktorati:</i>	3
<i>Magistature:</i>	7
<i>Specijalizacije:</i>	4