



**Nora  
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mag. educ. phys.

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## Work Experience

JANUARY, 2024 - CURRENT

TEACHING AND RESEARCH ASSISTANT | FACULTY OF ELECTRICAL AND COMPUTER  
ENGINEERING, UNIVERSITY OF DUBROVNIK | Dubrovnik, Croatia

JANUARY, 2023 – JANUARY, 2024

PROFESSIONAL ASSOCIATE | INSTITUTE FOR MEDICAL RESEARCH AND OCCUPATIONAL  
HEALTH | Department of Radiation Protection | Zagreb, Croatia

## Education

NOVEMBER, 2023 – CURRENT

DOCTORAL STUDY | UNIVERSITY OF RIJEKA, FACULTY OF PHYSICS | Rijeka, Croatia

OCTOBER, 2018 – SEPTEMBER, 2022

MASTER'S DEGREE IN PHYSICS EDUCATION | UNIVERSITY OF ZAGREB, FACULTY OF SCIENCE,  
DEPARTMENT OF PHYSICS | Zagreb, Croatia

Master's Thesis: Neutral Kaon Oscillations and CP Symmetry Violation

## Publications

Vukoja A, Bogdanović T, Rašeta D, Miljanić N, Ivanišić Risek I, Ilić K, Pavičić I, Marjanović  
Čermak AM, Petrinc B. *Dragonflies (Odonata) as bioindicators of radioactivity*. Isotopes  
Environ Health Stud. 2024 Nov 22:1-9. doi: 10.1080/10256016.2024.2425070. Epub ahead of  
print. PMID: 39575881.

## Projects

JANUARY, 2023 – JANUARY, 2024

### RAINSTORM

Professional Associate on the project titled "Development and Implementation of Hybrid Gamma Spectrometry Methods to Enhance Environmental Radiological Surveillance Capacity of Nuclear Power Plants – RAINSTORM"

## Conferences

NOVEMBER 25-26, 2024

Participated in the "2nd HAD Scientific Meeting" at the Faculty of Physics, University of Rijeka, presenting work on the topic "Probing Faint Galactic Polarised Emission in the GOODS-North Field."

SEPTEMBER 20-23, 2023

International Conference and 13th Croatian Scientific and Professional Conference "Air Protection 2023", Dubrovnik, Croatia

**Section:** Ambient Air Pollution Monitoring

Miljanić, N., Babić, D., Petrinc, B., Rašeta, D., Avdić, M., Senčar, J. (2023), *Monthly Activity Concentrations of Be-7 in the Air of Zagreb, Croatia*

**Section:** Air Pollution Sources and Emissions

Petrinc, B., Miljanić, N., Babić, D., Rašeta, D., Senčar, J. (2023), *Cs-137 in the Air of Zagreb, Croatia, in 2022*

SEPTEMBER 20-23, 2023

13th Symposium of the Croatian Radiation Protection Society with International Participation "Nuclear Threat – Are We Ready?", Poreč, Croatia

**Section:** Public Exposure

Miljanić, N., Babić, D., Petrinc, B., Senčar, J., Rašeta, D. *Concentration of Cs-137 Activity in Dry and Frozen Penny Buns*

## Training

2023 ANTI-TERRORISM EXERCISE

Participation in the "Cavtat 2023" exercise aimed at testing the preparedness and response of the Republic of Croatia in the event of a terrorist attack involving the use of radioactive material, organized by the Civil Protection Directorate.

#### 2023 INTERCOMPARISON EXERCISE

Participation in the intercomparison exercise "PRIMER" for dose rate measurement and gamma spectrometry at the Jožef Stefan Institute in Ljubljana.

## Honours and Awards

2023 - Certificate for the program type: Supplementary Education and Knowledge Renewal for Exposed Workers (Radioisotope Laboratories and Scientific Research Activities).

2023 - Award for Best Poster – 1st place for young scientists at the 13th Symposium of the Croatian Radiation Protection Society with International Participation, on the topic "Nuclear Threat – Are We Ready?"

2023 - Cum Laude Honor – Completed the integrated undergraduate and graduate university study with cum laude honors.

2022 - Dean's Award – For exceptional achievement in studies.

2017-2022 Scholarships – For successful and talented students of the Municipality of Konavle.

## Memberships

FEBRUARY 2023

Croatian Association for Air Protection

JANUARY 2023

Croatian Radiation Protection Society

NOVEMBER 2024

Member of the Croatian Astronomical Society

2024

Member of the National Commission for the Implementation of the Astronomy Competition

## Language

Native language: CROATIAN

Other language: ENGLISH