Marija D. Ivanović, PhD
Senior Research Associate

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Education:

11/2009 – 07/2014 Ph.D. in Biomedical Engineering, University of Belgrade, Serbia,
11/2008 – 10/2009 M.Sc. in Electrical Engineering and Computer Science, School of Electrical Engineering, University of Belgrade, Serbia
10/2004 – 10/2008 B.Sc. in Electrical Engineering and Computer Science, School of Electrical Engineering, University of Belgrade, Serbia

Research Fields of Interest:

Artificial Intelligence and Machine Learning in Biomedicine
Biomedical Signal Processing and Analysis
Physiological time-series data
Clinical Decision Support Systems
Mobile and Wearable Health Technologies

Employment:

(2023 - …) Senior Research Associate, Vinca Institute of Nuclear Sciences, University of Belgrade, Serbia
(2015 - 2023) Research Associate, Vinca Institute of Nuclear Sciences, University of Belgrade, Serbia
(2010 - 2015) Research Assistant, Vinca Institute of Nuclear Sciences, University of Belgrade, Serbia

Innovation and technology transfer:

(2024 - …) Data scientists, Panthr Healthtech GmbH, Germany

(2015 - 2020) Technical consultant, Heart Beam, Inc., US

Projects:

(2022 - 2025) Multi-SENSor SysteM and ARTificial intelligence in service of heart failure diagnosis – SensSmart, Science Fund of the Republic of Serbia IDEAS Programme
(2022 - 2024) Differential Lung Impedance in Heart Failure Estimation - D-LIFE, COLLABORATIVE GRANT SCHEME Program, Innovation Fund
(2021 - 2022) Baby Bip – mobile fetal well-being monitor ID=2023, Matching Grants Program, Innovation Fund
(2020 - 2022) KardioPal diagnostics, COLLABORATIVE GRANT SCHEME Program, Innovation Fund
(2018 - 2019) KardioPal - wireless diagnostic platform with personal handheld ECG device, Mini grants program, Innovation Fund
(2015 - 2019) Capturing and quantitative analysis of multi-scale multichannel diagnostic data - CARDIALLY, Horizon ITN RISE

Trainings and seminars:

2019. Visiting researcher, University of Brescia, Italy;
2017, 2018. Visiting researcher, Friedrich-Alexander-University Erlangen-Nuremberg
2012. Visiting researcher, Aston University, Birmingham, UK

Honors

Participant in Austrian Leadership Program ALPS15 upon personal invitation from the Austrian embassy, 2022
The Best Student Award, School of Electrical Engineering, University of Belgrade, 2008

Research output: 25 articles (Scopus), h-index: 8 (Scopus)