



Fran Nekvapil

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WORK EXPERIENCE

University research assistant

Babeş-Bolyai University, Biomolecular Physics Department [02/06/2020 – Current]

City: Cluj-Napoca

Country: Romania

Raman spectroscopy techniques, Blue bioeconomy, spectroscopy in general, supporting analytical methods

Research assistant

National Institute for Research and Development of Isotopic and Molecular Technologies [03/12/2018 – Current]

Raman spectroscopy techniques, nanomaterials, spectroscopy in general, supporting analytical methods

EDUCATION AND TRAINING

Doctor degree in Physics

Babeş-Bolyai University, Raman-AFM Laboratory [01/10/2020 – 25/11/2020]

Address: Str. Kogălniceanu nr. 1, 400084 Cluj-Napoca (Romania)

<http://www.phys.ubbcluj.ro/raman/>

Master degree in Mariculture

University of Dubrovnik, Department of Aquaculture [01/10/2015 – 06/09/2017]

Address: Ćira Carića nr. 4, 20000 Dubrovnik (Croatia)

<https://www.unidu.hr/marikultura/>

Erasmus+ traineeship in Raman-AFM lab, 1 semester

Babeş-Bolyai University, Raman-AFM Laboratory [27/02/2017 – 15/08/2017]

Address: Str. Kogălniceanu nr.1, 400084 Cluj-Napoca (Romania)

<http://www.phys.ubbcluj.ro/raman/>

Erasmus+ enrolment, 1 semester

University of South Bohemia, Faculty of Fisheries and Protection of Waters [01/10/2016 – 01/02/2017]

Address: Zátiší 728/II, 38925 Vodňany (Czechia)

<http://www.frov.jcu.cz/en/>

Bachelor degree in Aquaculture

University of Dubrovnik, Department of Aquaculture [01/10/2012 – 30/09/2015]

Address: Čira Carića nr. 4, 20000 Dubrovnik (Croatia)

<https://www.unidu.hr/akvakultura/>

LANGUAGE SKILLS

Mother tongue(s):

Croatian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Romanian

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

DIGITAL SKILLS

Knowledge of MS Office (Excel Word PowerPoint) / Good knowledge of Origin

PUBLICATIONS

9 ISI indexed original research articles (more info in List of publications provided)

Citations: 27 (Web of Science), 39 (Google Scholar),

H-index: 2, RG score: 14.05

CONFERENCES AND SEMINARS

17 conference contributions (List of publications provided)

2 online participations (1 presentation, 1 poster)

7 oral presentations given on-site

3 posters presented on-site

5 co-authored

PROJECTS

Blue bioeconomy approach to wasted marine biomass - an innovative fertilizer for green economy and agriculture (acronym MARIFERT)

[02/06/2020 – Current]

Project director

From Nanobiosensing to Blue Bioeconomy: Translational Science as Innovation Speeder of Blue Growth (acronym BlueBioSustain)

[23/10/2020 - Current]

Research assistant

New methods of diagnosis and treatment: Current challenges and technologic solutions based on nanomaterials and biomaterials (SANOMAT)

[03/12/2018 - 15/05/2021]

Research assistant - application of Raman spectroscopy to nanomaterials

Ultra-fast dynamics in ZnO-based nanomaterials for enhanced performance in fluorescence and SERS spectroscopy

[03/2021 - 09/2022]

Assistant Researcher

Contribution to preparation of 2 proposals for Horizon calls in 2020

HONOURS AND AWARDS

Doctoral thesis rated with the best mark (Excellent); defence 25.11.2020

Rector's award for best performance at Department of Aquaculture, University of Dubrovnik, in academic year 2016/2017

Diploma Summa cum laude for the exceptional success during the graduate university programme "Mariculture"

Diploma Cum laude for the exceptional success during the undergraduate university programme "Aquaculture"

HOBBIES AND INTERESTS

Horse riding (student in "Dressage" discipline)

Member of horse owner and lover association "Topot" (kutina, Croatia). Participation in local traditional events and manifestations (Croatia).