

CURRICULUM VITAE

PERSONAL INFORMATION

Surname: Šarić

First name: Iva

Address: Grbaste 67a, 51000 Rijeka, Croatia

Phone (cell): +385 095 8631 295

E-mail: iva.saric@uniri.hr

Birth: 10th August 1983

Place of birth: Rijeka, Croatia

EDUCATION

1998 - 2002 High School in Rijeka, Croatia

2002 - 2007 Study of Physics and Polytechnics, Faculty of Arts and Sciences, University of Rijeka, Diploma, Croatia

2008 - 2014 Ph. D. of Natural Science, Faculty of Science, Physics Department, University of Zagreb, Croatia

POSITIONS

2008 - 2014 Younger Research and Teaching Assistant, Department of Physics, Faculty of Civil Engineering, University of Rijeka, Croatia

2008 - 2010 Teaching Assistant, Department of Physics, Faculty of Engineering, University of Rijeka, Croatia

since March 2014 Research and Teaching Assistant, Department of Physics, Faculty of Civil Engineering, University of Rijeka, Croatia

since October 2014 Teaching Assistant, Department of Physics, University of Rijeka, Croatia

TEACHING EXPERIENCE

since 2008 Assistant "Physics", "Mechanics II", University Undergraduate And Graduate Study, Faculty of Civil Engineering, University of Rijeka, Croatia

2008 - 2010 Assistant "Physics I" and "Physics II", University Undergraduate And Graduate Study, Faculty of Engineering, University of Rijeka, Croatia

since 2014 Subject leader "Physics practicum I", University Undergraduate And Graduate Study, Department of Physics, University of Rijeka, Croatia

PARTICIPATION IN RESEARCH PROJECTS

2008-2011 Project "The study of long-range correlations and stochastic modeling on cellular

level" funded by Ministry of Science, Education and Sports of the Republic of Croatia, Leader: B. Podobnik

2010-2013 Program "Molekular structure, dynamics and reactivity", project "Molecular Structure and Dynamics of Systems with Paramagnetic Species" funded by Ministry of Science, Education and Sports of the Republic of Croatia, Leader: B. Rakvin

WORKSHOPS AND CONFERENCES

- 2010 Attended the 17th International Conference BIOMAG2010 and participated in the conference events held March 28 – April 1, 2010.
- 2010 Attended the COST BM0601 Neuromath Workshop and participated in the workshop events held March 27 – 28, 2010.
- 2012 Attended the Nuclear Magnetic Resonance (NMR) Workshop: Concepts of pulsed nuclear magnetic resonance spectroscopy and participated in the workshop events held January 23 – 27, 2012.
- 2012 Attended the 11th Greta Pifat Mrzljak International School of Biophysics Biomolecular complexes and assemblies, September 30 – October 9, 2012, Primošten, Croatia.
- 2013 Attended the 6th EFEPR School on Advanced Electron Paramagnetic Resonance (EPR) Spectroscopy, January 12-18, 2013, Weizman Institute of Science, Rehovot, Izrael.
- 2013 Attended the 8th scientific meeting of the Croatian physical society, October 6 – 8, 2013, Primošten, Croatia.

LIST OF PUBLICATIONS

Papers published in journals cited by Current Contents:

1. Kveder, M., **Šarić, I.**, Merunka, D., Jokić, M., Valić, S., Rakvin, B., 2013. The anhydrous solid trehalose: Low-temperature EPR study of glassy and boson peak modes. J Non-Cryst Solids 375, 19-24.
2. **Šarić, I.**, Jokić, M., Rakvin, B., Kveder, M., Maltar-Strmečki, N., 2014. The effect of thermal treatment of radiation-induced EPR signals of different polymorphic forms of trehalose. Appl Radiat Isotopes 83, Part A, 41-46.

Publications without peer review process:

1. **Šarić, I.**, Merunka, D., Jokić, M., Rakvin, B., Ilakovac Kveder, M., Low-temperature epr study of solid trehalose // Dynamics in Soft Matter Probed by Advanced EPR Techniques, Lužnica, Croatia, 05.-09.05.2014, Book of abstracts / Žilić, Dijana; Ilakovac Kveder, Marina.
2. **Šarić, I.**, Jokić, M., Rakvin, B., Kveder, M., Maltar-Strmečki, N., EPR study of radiation

induced radicals in different polymorphic forms of trehalose // The Joint International Symposium on EPR Dosimetry and Dating and the International Conference on Biological Dosimetry, Leiden, 24-28.03.2013, Abstracts / Firouz, Darroudi.

3. **Šarić, I.**; Merunka, D.; Jokić, M.; Rakvin, B.; Kveder, M., The effect of matrix disorder on the dynamics of the paramagnetic centers: EPR spectroscopy of solid trehalose // Book of abstracts the 8th scientific meeting of the Croatian physical society / Miroslav Požek.

4. **Šarić, I.**; Merunka, D.; Jokić, M.; Rakvin, B.; Kveder, M., Low temperature electron-spin relaxation in molecular solid exhibiting frozen-in disorder // The 11th Greta Pifat Mrzljak International School of Biophysics Biomolecular complexes and assemblies/Book of Abstracts, Primošten, Croatia (30 September – 9 October 2012) / Hozić, Amela ; Vuletić, Tomislav.

LANGUAGE SKILLS

English: advanced knowledge

Italian: basic knowledge

OTHER IMPORTANT SKILLS AND COMPETENCES

Programming in MATLAB; using MS OFFICE package and operating system Windows, EasySpin, software for statistical analyses of data.

Driving license