

PERSONAL INFORMATION

Anamarija Falkoni



📍 Iva Vojnovića, 61C, 20000, Dubrovnik, Croatia

☎ +385 98 936 7541

✉ anamarija.falkoni@unidu.hr anamarija.sare@gmail.com

Sex Female | Date of birth 25/07/1987 | Nationality Croatian

WORK EXPERIENCE

05/2013 – x

Teaching assistant

University of Dubrovnik, Ćira Carića 4, 20000, Dubrovnik (Croatia)

- Teaching assistant at Maritime department, preparation and presentation of practices as a part of teaching

Business or sector Maritime department, University of Dubrovnik

09/2012 – 01/2013

Project associate

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

- Work on research within the project, writing reports

Business or sector i-RESEV project (ICT-aided integration of Electric Vehicles into the Energy Systems with high share of Renewable Energy Sources)

25/09/2011 – 30/09/2011 and
29/09/2009 – 03/10/2009

Local organizing committee

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

- Participation at the conference organization

Business or sector 5th and 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES)

01/07/2011 – 01/08/2011

Industrial practice

TE-TO Zagreb, cogeneration of electrical and thermal power, Kuševačka 10a, 10000, Zagreb

- Testing and analysing combined generation of cogeneration unit K at cogeneration power plant

15/07/2009 – 15/08/2009

Industrial practice

HPP Dubrovnik, Hidropower plant, Dr. Ante Starčevića 7, 20000, Dubrovnik

- Testing and analysing the work of HPP Dubrovnik

EDUCATION AND TRAINING

2013 - x **Postgraduate studies**

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

17 – 22/09/2013 **Participant at International SDEWES 2013 Summer School (organized as a part of 09/128 i-RESEV project, supported by the Croatian Institute of Science)**

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

2011 - 2012 **Master of mechanical engineering**

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

2006 - 2010 **Bachelor in mechanical engineering**

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, Zagreb (Croatia)

2002 - 2006 **High school education**

Gymnasium "Dubrovnik", Frana Supila 3, 20000, Dubrovnik

PERSONAL SKILLS

Mother tongue Croatian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	B1	B1	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills in speech and writing gained through my education thanks to a high number of presentations, assignments, essays and projects.
- Team work, commitment to work and discipline gained through education and active sports (volleyball eight years).

Organisational / managerial skills

- Creative and systematic problem solving gained through active participation in project organization.

Job-related skills

- Adjustment to technology progress, accepting new findings, fast learning, good organization.

Digital skills

- Good command of Microsoft Office™ tools, Solid Works, AutoCad, Matlab, Visual Basic, C#

Other skills

- Drawing, dancing, sport

Driving licence

- B

ADDITIONAL INFORMATION

- Publications**
- Šare, A., Krajačić, G., Pukšec, T., Duić, N., "The integration of renewable energy sources and electric vehicles into the power system of the Dubrovnik region", *Energy Sustainability and Society* (2015) 5:27, DOI 10.1186/s13705-015-0055-7
 - Falkoni, A., Krajačić, G., "Linear correlation and regression between the meteorological data and electricity demand of the Dubrovnik region in a short-term scale", January 2016 *Thermal Science* 20(00):157-157, DOI10.2298/TSC151209157F
 - Falkoni, Anamarija; Pfeifer, Antun; Krajačić, Goran, "Vehicle-to-Grid in Standard and Fast Electric Vehicle Charging: Comparison of Renewable Energy Source Utilization and Charging Costs", *Energies*, 13 (2020), 6; 1510, 22 doi:10.3390/en13061510
- Presentations**
- "Energetski nezavisna zgrada kao energetsko postrojenje", Workshop, 11/07/2011, Dubrovnik
 - "Utjecaj elektrifikacije transporta na krivulju potrošnje električne energije i integraciju obnovljivih izvora energije u Dubrovačkoj regiji", Workshop of i-RESEV project, 07/12/2012, FSB, Zagreb
 - Šare, A.; Krajačić, G.; Pukšec, T.; Duić, N.: *The Impact of Electrification in the Transport Sector on the Power Curve, and the Integration of Renewable Energy Sources in to the Power Systems of the Dubrovnik Region*; "8th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems", 22 – 27/09/2013, Dubrovnik
 - Falkoni, Anamarija; Krajačić, Goran.: *The Analysis of the Correlation between Wind Speed, Solar Radiation, Air Temperature and Electricity Demand of the Dubrovnik Region*; 10th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES, 27/09 – 02/10/2015, Dubrovnik
 - Falkoni, Anamarija; Krajačić, Goran: *Standard vs. fast charging of electric vehicles in self-sufficient wider urban areas*; 3rd South east European conference on sustainable development of energy, water and environment systems – SEE SDEWES, 30/06 – 04/07/2018, Novi Sad
 - Falkoni, Anamarija; Soldo, Vladimir; Krajačić, Goran; Bupić, Matko: *Renewable energy integration using seawater source heat pump in the Old city of Dubrovnik*; 14th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), 01 – 06/10/2019, Dubrovnik
 - Falkoni, Anamarija; Kobojević, Nikša; Kobojević, Žarko; Krajačić, Goran: *OPPORTUNITIES FOR ALL-ELECTRIC SHIPS IN SMART ENERGY SYSTEMS*; 1st International Conference of Maritime Science & Technology, Naše more, 17 – 18/10/2019, Dubrovnik
- Projects**
- *Bachelor thesis*: "Zero energy building as a power plant"
 - *Master thesis*: "Impact of electrification in the transport sector on the power curve and integration of renewable energy sources in the Dubrovnik region", as a part of i-RESEV projecta
 - i-RESEV project (ICT-aided integration of Electric Vehicles into the Energy Systems with high share of Renewable Energy Sources)
- Conferences**
- "5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems", 29/9 – 03/10/2009, Dubrovnik
 - "6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems", 25 – 30/09/2011, Dubrovnik
 - "CAPE Forum 2012", 26 – 28/03/2012, Veszprém, Hungary
 - Šare, Anamarija; Krajačić, Goran; Pukšec, Tomislav; Duić, Neven. *The Impact of Electrification in the Transport Sector on the Power Curve, and the Integration of Renewable Energy Sources in to the Power Systems of the Dubrovnik Region*// Digital Proceedings of 8th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES Conference / Ban, Marko [et al.] (ur.). - Zagreb : University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture , 22 – 27/09/2013, Dubrovnik
 - Falkoni, Anamarija; Krajačić, Goran. *The Analysis of the Correlation between Wind Speed, Solar Radiation, Air Temperature and Electricity Demand of the Dubrovnik Region* // Digital Proceedings of the 10th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES / Ban, Marko [et al.] (ur.). - (ur.). Zagreb : Fakultet strojarstva i brodogradnje, Zagreb, 27/09 – 02/10/2015, Dubrovnik
 - Goran Gašparović, Goran Krajačić, Anamarija Šare, Neven Duić. *Advanced modelling of an electric vehicle module in the H2RES energy planning software* // Digital Proceedings of The 8th Conference on Sustainable Development of Energy, Water and Environment Systems in SDEWES Conference / Fakultet strojarstva i brodogradnje, Zagreb, 27/09 – 02/10/2015, Dubrovnik

- Falkoni, Anamarija; Krajačić, Goran. Standard vs. fast charging of electric vehicles in self-sufficient wider urban areas // Digital proceeding of 3rd South east European conference on sustainable development of energy, water and environment systems, 30/06 – 04/07/2018, Novi Sad
- Falkoni, Anamarija; Soldo, Vladimir; Krajačić, Goran; Bupić, Matko. Renewable energy integration using seawater source heat pump in the Old city of Dubrovnik // Digital proceedings of 14th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), 01 – 06/10/2019, Dubrovnik
- Falkoni, Anamarija; Kobojević, Nikša; Kobojević, Žarko; Krajačić, Goran. OPPORTUNITIES FOR ALL-ELECTRIC SHIPS IN SMART ENERGY SYSTEMS // Conference Proceedings of 1st International Conference of Maritime Science & Technology, Naše more / Kobojević, Žarko (ur.), 17 – 18/10/2019, Dubrovnik

Seminars

- Seminars: "Budućnost ugodnog življenja", 31/03/2012, Zagreb

Honours

- Honours: "Supeus Case Study 2012", 22/10/2012, Zagreb