

**Univerzitet Crne Gore**

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**University of Montenegro**

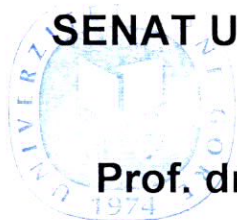
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Na osnovu člana 72 stav 2 Zakona o visokom obrazovanju („Službeni list Crne Gore“, br. 44/14, 47/15, 40/16, 42/17, 71/17, 55/18, 3/19, 17/19, 47/19, 72/19 i 74/20 i 104/21 i 86/22) i člana 32 stav 1 tačka 9 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 8.12.2023. godine, donio je

## **O D L U K U O IZBORU U ZVANJE**

**Dr MIROSLAV VUKIČEVIĆ** bira se u akademsko zvanje **docent Univerziteta Crne Gore** za oblast **Brodomašinstvo na Pomorskom fakultetu Univerziteta Crne Gore**, na period od pet godina.



**SENAT UNIVERZITETA CRNE GORE  
PREDSJEDNIK**

  
**Prof. dr Vladimir Božović, rektor**

## PERSONAL INFORMATION

## Miroslav Vukičević



21 Maj 76, 2/9, 85330, Kotor, Montenegro

Business – Faculty of Maritime Studies, Put I Bokeljske brigade 44, 85330, Kotor, Montenegro

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[miroslav.v@ucg.ac.me](mailto:miroslav.v@ucg.ac.me); [vukicevic.miroslav@gmail.com](mailto:vukicevic.miroslav@gmail.com)

Sex Male | Date of birth 16/09/1981 | Nationality Montenegrin

## WORK EXPERIENCE

From 2016 up to now

## Teaching Assistant

University of Montenegro, Faculty of Maritime Studies (Put I Bokeljske brigade 44, Kotor, 85330, Montenegro)

- Researcher in the following fields: Marine auxiliary sistem, Marine Biology, Ecological Engineering, Engineering Education
- Business or sector: High-education institution

From 2004 up to 2016

Marine engineer *MITSUI O.S.K. LINES*

From 2000 up to 2004

Sports trainer Handball club Kotor, Boka

## EDUCATION AND TRAINING

2022

## PhD

PhD

University of Montenegro, Faculty of Maritime Studies Kotor, Montenegro

- Methodology for reducing the impact of catalytic residues on the durability of piston rings in low speed marine engines

2016

## Master of Sciences

MSc

University of Montenegro, Faculty of Maritime Studies Kotor, Montenegro

- The possibility of using simulation software in order to predict nitrogen oxide (NOx) emissions from MAN B&W marine engines

2004

## Bachelor of Sciences

BSc

University of Montenegro, Faculty of Maritime Studies Kotor, Montenegro

- Marine engineering

2000

Valedictorian in High School - Naval High School Kotor

[24/09/2018] till [28/09/2018] Erasmus + teaching mobility at UNIVERSITY OF THE AEGEAN, Chios, Greece

[7/03/2020] till [14/03/2020] Erasmus + teaching mobility at Óbuda University, HU BUDAPES, Hungary

[27/09/2021] till [12/10/2021] Erasmus + teaching mobility at University of Dubrovnik, Croatia

## PERSONAL SKILLS

Mother tongue(s)

Montenegrin

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	
Italian	B1	B1	B1	B1	

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills Very good

Organisational / managerial skills Good ability for teamwork; From February 2023 he was head of the Training Center for seafarers at the Faculty of Maritime Studies Kotor.

Computer skills Microsoft Office and Internet applications (regular Internet user)

Driving licence A, B category

#### ADDITIONAL INFORMATION

- Able to communicate concisely and accurately.
- Good organizational skills.
- Willingness to work hard.
- Attends a lot of conferences about marine engineering

Publications  
Presentations  
Projects  
Conferences  
Seminars  
Honours and awards  
Memberships  
References

#### Projects:

- Zero C (\*Erasmus + project) "Enhancing knowledge and skills at WB HEIs in preparation for zero carbon maritime transport and logistics society", 1.11.2023 – 31.10.2026)
- COST Action: CA22122 - Rethinking the Blue Economy
- Razvoj regionalnog zajedničkog master programa za zaštitu i upravljanje morskom sredinom – MEP&M" (Erasmus+ CBHE projekat br. 619239-EPP-1-2020-1-ME-EPPKA2-CBHE-JP)
- Erasmus + project Sustainable development of BLUE economies through higher education and innovation in Western Balkan Countries, akronim – BLUEWBC, January 2020 – January 2023.
- Montenegro Sustainable Maritime Competence Development Initiative, HERD Maritime 2010-2014, Higher education, research and development in the Western Balkans - Maritime Sector Programme 2012-2014. Project partner UoM Maritime Faculty Kotor, Project Leader for partner Prof. Dr. Danilo Nikolić, collaboration between Maritime Faculty Kotor with Alesund University College, Norway (June 2013 – June 2015);
- Modernizing and harmonizing maritime education in Montenegro and Albania – MarED, TEMPUS IV – 6th Call for proposals, project coordinator UoM Maritime Faculty Kotor (01/12/2013 - 30/11/2016);

#### Seminars:

- **23. Generalna skupština konfederacije udruženja pomorskih kapetana zemalja EU, Kotor 4. Maj 2018**
- **Lloyd's Register training course: Leaders of the Future, 17 - 19 October 2023 Kotor, Montenegro**

#### Papers/reviews published in journals:

1. **M. Vukičević**, B. Drašković, P. Mustur, T. Šorović: "Environmental benefits and energy efficiency arising from optimization of vessel's voyage" 12 International conference on social and technological development STED, 15 -18 June 2023 In Trebinje, Bosnia and Herzegovina ISSN 2303-498X
2. I. Petrović, Š. Ivošević, **M. Vukičević** What is a Risk of Increased Traffic in Boka Bay? –

Journal of Maritime Sciences (JMS) Vol. 23, No. 2/2022; November 2022 DOI:  
<https://doi.org/10.56080/jms221106>

3. Zorica Đurović, Milica Vuković-Stamatović & **Miroslav Vukičević**: "How much and what kind of vocabulary do marine engineers need for adequate comprehension of ship instruction books and manuals?" :ISSN: 1576-4737 Círculo de Lingüística Aplicada a la Comunicación 88,123-133, <https://dx.doi.org/10.5209/clac.78300>
4. Zorica Đurović & **Miroslav Vukičević**: "Hybrid Twinning on Marine Engine Simulators" Journal of Maritime Sciences (JMS) Vol.23 No.1/2022, ISSN 2787-8880 DOI:  
<https://doi.org/10.56080/jms220508>
5. Bratić, K., Stazić, L., **Vukičević, M.** and Lalić, B. (2021) "Cruise Vessels Air Pollution Inventory for the Port of Kotor", Transactions on Maritime Science. Split, Croatia, 10(1), pp. 200–207. doi: 10.7225/toms.v10.n01.016.
6. Vukičević, M., Račić, N., Ivošević, Š.: Piston ring material in two-stroke engine which sustains wear due to catalyst fines, ISSN 0007-215X eISSN 1845-5859, Brodogradnja Vol. 70, No.2, 2019 <http://dx.doi.org/10.21278/brod70208>
7. Ivošević Š., Rudolf R., Majerić P., Kovač D., **Vukičević M.**, "Pregled baznih istraživanja mogućnosti primjene materijala sa oblikom u nautičkoj industriji" God.35 Broj 22, Kotor 2019, ISSN 0352-1052
8. **Vukičević M.**, Račić N., Vukašinović D. "Tretman teškog goriva sa aspekta štetnog teškog brodskog goriva sa aspekta štetnog djelovanja katalitičkih nečistoća" God.35 Broj 22, Kotor 2019, ISSN 0352-1052

#### Papers published in proceedings of the conferences:

1. **Vukičević M.**, Drašković B., Vukašinović D. "Scavenging drain analysis (SDA) from two-stroke diesel engine – most useful analysis" 12 International conference on social and technological development STED, 15 -18 June 2023 In Trebinje, Bosnia and Herzegovina ISSN 2637-3298
2. D. Vukašinović , **M. Vukičević** , I. Petrović , R. Gagić : "Passenger vessel control loss and oil spill in port of Kotor area", KIMC3 3rd Kotor International Maritime Conference, November 2023 ISBN 978-86-80031-67-5
3. D.Kovač, S.Cvrk, **M. Vukičević**: "The possibility of increasing the efficiency of ship propulsion with cycle gas turbines" , Energetika 2023 , Zlatibor 12-15.09.2023,Srbija
4. **Miroslav Vukičević**, Nikola Račić & Boris Hrnčić: "CAUSES OF WEAR ON PISTON RINGS AND CYLINDER LINERS - "ISHIKAWA DIAGRAM" 2nd Kotor International Maritime Conference (KIMC 2022), November 27-30, 2022 Kotor, Montenegro ISBN 978-86-7664-226-7
5. **Miroslav Vukičević**, Igor Petrović, Zorica Đurović & Lazar Dragović: "HOW TO IMPROVE MONTENEGRIN SEAFARER COMPETITIVENESS IN THE INTERNATIONAL MARKET" 2nd Kotor International Maritime Conference (KIMC 2022), November 27-30, 2022 Kotor, Montenegro ISBN 978-86-7664-226-7
6. Vera Kapetanović, Igor Stanovčić, **Miroslav Vukičević**, Igor Petrović & Tatjana Dlabač: "KEY PERFORMANCE INDICATORS OF THE QUALITY MANAGEMENT SYSTEM IN THE FUNCTION OF MONITORING THE EDUCATION AND TRAINING OF SEAMEN AT THE FACULTY OF MARITIME STUDIES KOTOR" 2nd Kotor International Maritime Conference (KIMC 2022), November 27-30, 2022 Kotor, Montenegro ISBN 978-86-7664-226-7
7. Nikola Jelić and Luka Mijušković "THE IMPORTANCE OF TRAINING FOR OFFICERS AND CREW SERVING ON SHIPS SUBJECT TO IGF CODE" Supervisor: Assoc. Prof. Tatjana Dlabač, **Miroslav Vukičević**, MSc,2nd Kotor International Maritime Conference (KIMC 2022), November 27-30, 2022 Kotor, Montenegro ISBN 978-86-7664-226-7
8. Nemanja Tabaš, Ana Simeunović, Blagoje Mičeta& Vasilije Kovačević "PERFORMANCE OF THE ELECTRICITY PRODUCTION ON THE ENGINE ROOM SIMULATOR"

Supervisor: Assoc. Prof. Tatijana Dlabač, **Miroslav Vukičević**, MSc, 2nd Kotor International Maritime Conference (KIMC 2022), November 27-30, 2022 Kotor, Montenegro ISBN 978-86-7664-226-7

9. Igor Petrović, Špiro Ivošević & **Miroslav Vukičević**: "Does Increased Traffic Increase Risk in Boka Bay?" 1ST Kotor International Maritime Conference (KIMC 2021) 26-27 November 2021, Kotor, Montenegro
10. Zorica Đurović & **Miroslav Vukičević**: "Hybrid "Twinning" in Maritime Education" 1ST Kotor International Maritime Conference (KIMC 2021) 26-27 November 2021, Kotor, Montenegro
11. Tripo Moškov, Filip Petričević & **Miroslav Vukičević**: "The Benefits of Sailing Skills for Future Seafarers" 1ST Kotor International Maritime Conference (KIMC 2021) 26-27 November 2021, Kotor, Montenegro
12. **Miroslav Vukičević**, Zorica Đurović, Boris Hrnčić & Karlo Bratić: "Optimization of Fuel Purifier Operation for More Efficient Elimination of Small Abrasive Impurities" 1ST Kotor International Maritime Conference (KIMC 2021) 26-27 November 2021, Kotor, Montenegro
13. Š. Ivošević, P. Majerić, **M. Vukičević**, R. Rudolf: "A Study of the Possible Use of Materials With Shape Memory Effect in Shipbuilding" Journal of Maritime and Transportation Sciences, Vol. Special edition No. 3, 2020. Page 265-277. ISSN 0554-6397 Konferencijski članak (Conference paper)
14. **Vukičević, M.**, Cvrk, S, Kovač, D, Lalić, B., "Measurement of torsional vibration on Propeller Shafts Using Code Discs and Optical Forks" 8th International maritime science conference IMSC 2019, Budva, 11-12 April 2019 ISSN 1847-1498 Page 345-351
15. **Vukičević, M.**, Ivošević, Š, Rudolf, R, Majerić, P.; "An Analysis of the Influence of Abrasive Particles in Fuel on the Degree of Damage to Piston Rings" 8th International maritime science conference IMSC 2019, Budva, 11-12 April 2019 ISSN 1847-1498 Page 301-315
16. Bogdanović M., **Vukičević M.**; "The environmental impacts of the offshore oil and gas industry" 21st DKMT Conference on Environment and Health, 06-08 June 2019, Faculty of Technology Novi Sad, Serbia ISBN 978-86-6253-107-0 Page 60-68
17. **Vukičević M.**, Bogdanović M., Kovač D., Vujičić S.; "Prospective jobs for Montenegrin seafarers in the epicontinental area of Montenegro "1st International conference of maritime science & technology Naše more 2019, Dubrovnik, 17 – 18th October 2019, ISBN 978-953-7153-52-6 Page 600-610
18. **Vukičević M.**, Račić N., Vukašinović D.; "Ways of reducing the content of catalytic fines in marine heavy fuel oil "1st International conference of maritime science & technology Naše more 2019, Dubrovnik, 17 – 18th October 2019, ISBN 978-953-7153-52-6, Page 611-624
19. Š. Ivošević, P. Majerić, **M. Vukičević**, R. Rudolf: "A study of the possible using of materials with shape memory effect in nautics" Eighth conference on marine technology in memoriam of the academician Zlatko Winkler November 15 and 16, 2019, Faculty of Engineering University of Rijeka (ISSN 0554-6397 Print, ISSN 1848-9052 Online):
20. **Vukičević Miroslav**, Mraković Ivan, Ivošević Špiro: "Analysis of the influence of preventive maintenance of main engines on working parameters and emissions ", 5ta konferencija "Održavanje 2018" Zenica, 10-12 maj 2018., str. 247 - 254, ISSN 1986-583X
21. **Miroslav Vukičević**, Radmila Gagić, Danilo Nikolić: "Application of simulation software in estimation of NOx emissions from ship's main engine at different loads ", Internacionalna konferencija IMSC Split, 2017 str. 531-543, ISSN 1847-1498
22. Gagić, R., **Vukičević, M.**, Nikolić, D: "Estimation of PM emissions from cruise ships in Kotor Bay" 6th International conference WeBIOPATR 2017, Belgrade, Serbia, 6.-8.

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