



UNIVERZITET CRNE GORE | POMORSKI FAKULTET KOTOR
UNIVERSITY OF MONTENEGRO | FACULTY OF MARITIME STUDIES
KOTOR



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PIB 02016702
PDV 30/31-03951-6



Kotor, 20.01. 2023.

Broj 01- 118

**UNIVERZITET CRNE GORE
ODBOR ZA DOKTORSKE STUDIJE
SENAT UNIVERZITETA
PODGORICA**

Poštovani,

U prilogu dostavljam Odluku Vijeća Pomorskog fakulteta Kotor o predlaganju mentora na doktorskim studijama na Pomorskom fakultetu Kotor, studijski program Pomorske nauke, doktorand mr Vera Kapetanović, predloženi mentor prof.dr Maja Krčum sa Pomorskog fakulteta Sveučilišta u Splitu.

Navedenu odluku dostavljam sa priložima, na dalji postupak.

S poštovanjem,



DEKAN

Prof.dr Špiro Ivošević

Vijeće Pomorskog fakulteta Kotor na osnovu čl. 64. Statuta Univerziteta Crne Gore i čl. 29. Pravila doktorskih studija i čl. 12. Poslovnika o radu Vijeća, na sjednici održanoj dana 18.01. 2023. godine, donijelo je

O D L U K U

-I-

Predlaže se prof.dr Maja Krčum sa Pomorskog fakulteta Sveučilišta u Splitu za mentora mr Veri Kapetanović, studentu doktorskih studija na Pomorskom fakultetu Kotor, studijski program Pomorske nauke.

-II-

Ova odluka se sa pratećom dokumentacijom dostavlja Centru za doktorske studije i Senatu Univerziteta Crne Gore, na dalji postupak.

O b r a z l o ž e n j e

Mr Vera Kapetanović obratila se Vijeću Fakulteta i Komisiji za doktorske studije u vezi predlaganja za imenovanje mentora na doktorskim studijama.

Komisija za doktorske studije je nakon razmatranja molbe na koju je dao saglasnost predloženi mentor, i priložene dokumentacije, predložila donošenje odluke kao u dispozitivu, koju je donijelo Vijeće fakulteta u skladu sa navedenim propisima.

Ova odluka se sa pratećom dokumentacijom dostavlja Centru za doktorske studije i Senatu Univerziteta Crne Gore, na dalji postupak.

VIJEĆE POMORSKOG FAKULTETA KOTOR

Kotor, 18.01. 2023.

Broj 01- 99


DEKAN

Prof.dr Špiro Ivošević





16.01. 2023

01-67

 UCG	MOLBA ZA IMENOVANJE MENTORA IZ REDA NASTAVNIKA ILI NAUČNIH SAVJETNIKA/SARADNIKA UCG <i>stud. 2022/23. god.</i>	
<i>fakultet / institut</i>	Pomorski fakultet Kotor	
<i>studijski program</i>	Pomorske nauke	
<i>student (Ime Prezime)</i>	Vera Kapetanović	
<i>br. ind.</i>	5/DS-2011	
<i>predloženi prvi mentor</i> <i>(popuniti ako predloženi mentor nije sa fakulteta na kojem je organizovan studijski program)</i>	Prof.dr Maja Krčum Sveučilište u Splitu/Pomorski fakultet	docent <input type="checkbox"/> vanredni prof. <input checked="" type="checkbox"/> redovni prof. <input type="checkbox"/> naučni sarad. <input type="checkbox"/> viši nauč. sarad. <input type="checkbox"/> naučni savj. <input type="checkbox"/>
<i>predloženi drugi mentor</i> <i>(popuniti ako predloženi mentor nije sa fakulteta na kojem je organizovan studijski program)</i>	<i>(Ime Prezime)</i> fakultet / institut:	docent <input type="checkbox"/> vanredni prof. <input type="checkbox"/> redovni prof. <input type="checkbox"/> naučni sarad. <input type="checkbox"/> viši nauč. sarad. <input type="checkbox"/> naučni savj. <input type="checkbox"/>
Datum:	Molbu podnosi student: Vera Kapetanović <u>V. Kapetanović</u>	
	Sa molbom saglasan prvi mentor: Prof.dr Maja Krčum <u>Maja Krčum</u>	
	Sa molbom saglasan drugi mentor: <i>(potpis)</i>	

MENTORSTVO

IME I PREZIME KANDIDATA		Mr Vera Kapetanović	
PREDLOŽENI MENTOR/I			
	Titula, ime i prezime	Ustanova i država	Naučna oblast
Prvi mentor	Prof.dr Maja Krčum	Sveučilište u Splitu Pomorski fakultet	Područje tehničkih znanosti – polje tehnologija prometa i transporta
Drugi mentor			
Sjednica Vijeća organizacione jedinice na kojoj je izvršeno predlaganje mentora			
KOMPETENCIJE MENTORA (u skladu sa članom 29 Pravila doktorskih studija)			
Prvi mentor	1	Kaštelan, Nediljko; Vujović, Igor; Krčum, Maja ; Assani, Nur: <u>Switchgear Digitalization—Research Path, Status, and Future Work // Sensors, 22 (2022), 20; 7922, 15</u> doi:10.3390/s22207922 ISSN: 1424-8220	
	2	Tomislav Peša; Maja Krčum ; Grgo Kero; Joško Šoda: <u>Retrofitting Vessel with Solar and Wind Renewable Energy Sources as an Example of the Croatia Study-Case // Journal of marine science and engineering, 10 (2022), 10; 1471, 21</u> doi:10.3390/jmse10101471 ISSN: 2077-1312	
	3	Krčum, Maja ; Zubčić, Marko; Kaštelan, Nediljko; Gudelj, Anita: <u>Reducing the Dimensions of the Ship's Main Switchboard—A Contribution to Energy Efficiency // Energies, 14 (2021), 22; 7567, 21</u> doi:10.3390/en14227567 ISSN: 1996-1073	
	4	Golub Medvešek, Ivana; Vujović, Igor; Šoda, Joško; Krčum, Maja : <u>A Novel Method on Hydrographic Survey Technology Selection Based on the Decision Tree Supervised Learning // Applied Sciences-Basel, 11 (2021), 11; 4966, 19</u> doi:10.3390/app11114966 ISSN: 2076-3417	
	5	Marušić, Eli; Šoda, Joško; Krčum, Maja : <u>The Three-Parameter Classification Model of Seasonal Fluctuations in the Croatian Nautical Port System // Sustainability, 12 (2020), 12; 1-17</u> doi:10.3390/su12125079 ISSN: 2071-1050	
Drugi mentor	1		
	2		
	3		
	4		
	5		

PODACI O MAGISTRANDIMA I DOKTORANDIMA				
	Broj magistranada		Broj doktoranada	
	trenutno	ukupno	trenutno	ukupno
Prvi mentor	2	2	2 (jedan je u završnoj fazi)	2
Drugi mentor			1	1
Datum i ovjera (pečat i potpis odgovorne osobe)				
U (navesti grad), (navesti datum)				
Kotor, 18.01.2023.				
		DEKAN 		



KLASA: 003-08/20-06/0002
URBROJ: 2181-197-00-20-0006
Split, 5. ožujka 2020.

Temeljem članka 95. Zakona o znanstvenoj djelatnosti i visokom obrazovanju te članka 44. Statuta, Fakultetsko vijeće jednoglasno je, na 22. sjednici održanoj 5. ožujka 2020., donijelo

ODLUKU
O IZBORU NASTAVNIKA U ZNANSTVENO-NASTAVNO ZVANJE
I RADNO MJESTO IZVANREDNI PROFESOR

Dr. sc. Maja Krčum bira se u znanstveno-nastavno zvanje i na radno mjesto izvanredni profesor u znanstvenom području tehničkih znanosti, polju tehnologija prometa i transporta, grana pomorski i riječni promet na Zavodu za PEIT na neodređeno vrijeme u punom radnom vremenu

Obrazloženje:

Fakultetsko vijeće Pomorskog fakulteta je, na 10. sjednici održanoj 29. kolovoza 2019. donijelo Odluku o raspisivanju javnog natječaja za izbor nastavnika u znanstveno-nastavnom zvanju i na radnom mjestu izvanredni profesor u znanstvenom području tehničkih znanosti, polju tehnologija prometa i transporta, grana pomorski i riječni promet na Zavodu za PEIT na neodređeno vrijeme u punom radnom vremenu.

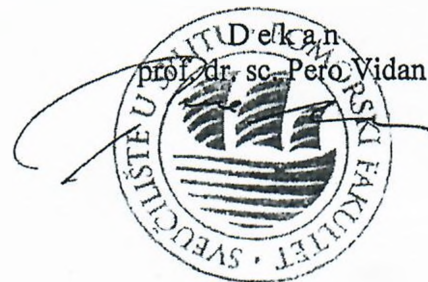
Natječaj je objavljen 4. listopada 2019. u službenom glasilu „Narodne novine“ broj 95/2019., 30. rujna 2019. u dnevnom tisku Universitas, 27. rujna 2019. na Internet stranicama Fakulteta, te na službenom internetskom portalu za radna mjesta Europskog istraživačkog prostora.

Matični odbor za područje tehničkih znanosti – polja strojarstva, brodogradnje, tehnologije prometa i transporta, zrakoplovstva i raketne i svemirske tehnike donio je dana 26. veljače 2020. godine Odluku o izboru dr. sc. Maje Krčum u znanstveno zvanje višeg znanstvenog suradnika. Fakultetsko vijeće Pomorskog fakulteta prihvatilo je mišljenje i prijedlog Stručnog povjerenstva u sastavu: prof. dr. sc. Vinko Tomas, prof. dr. sc. Danko Kezić i izv. prof. dr. sc. Zvonimir Lušić, da dr. sc. Maja Krčum, zaposlenica Fakulteta, kao jedini pristupnik na natječaj ispunjava uvjete za izbor u znanstveno-nastavno zvanje i na radno mjesto izvanredni profesor te je donijelo Odluku kao u izreci.

Sukladno članku 95. Zakona o znanstvenoj djelatnosti i visokom obrazovanju („Narodne novine“ broj: 123/03., 198/03., 105/04., 2/07.-Oduka USRH 174/04., 46/07., 45/09., 63/11., 94/13., 139/13. i Odluke USRH 101/14. i 60/15) nastavnica se bira u znanstveno-nastavno zvanje i na radno mjesto izvanredni profesor s obvezom reizbora ili izbora u više zvanje u roku od pet godina.

Dostaviti:

- Zaposlenici
- Ministarstvu znanosti i obrazovanja
- Službi za kadrovske i opće poslove
- Financijsko-računovodstvenoj službi
- Arhiva



PERSONAL INFORMATION

Maja Krčum


 Ruđera Boškovića 37, Split, 21 000, Croatia

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 mkrcum@pfst.hr

Scientist's unique number: 173265

WORK EXPERIENCE

- 2020 - Now **Associate professor**
 University of Split - Faculty of Maritime Studies, Ruđera Boškovića 37, Split, Croatia, <http://www.pfst.hr>
- Head of Department for Marine Electrical engineering and IT
 - Director of the Centre for Quality Management on Faculty
- Business or sector Science and higher education
- 2013 - 2020 **Assistant professor**
 University of Split - Faculty of Maritime Studies, Ruđera Boškovića 37, Split, Croatia, <http://www.pfst.hr>
- Head of Department for Marine Electrical engineering and IT
 - Director of the Centre for Quality Management on Faculty
- 2004 - 2013 **Senior Lecturer**
 University of Split - Faculty of Maritime Studies, Zrinsko-Frankopanska 38, Split, Croatia, <http://www.pfst.hr>
- Director of the Centre for Quality Management,
 - Head of the Chair for Electrical Engineering
- 1996 - 2004 **Lecturer**
 University of Split - Faculty of Maritime Studies, Zrinsko-Frankopanska 38, Split, Croatia, <http://www.pfst.hr>
- Quality System Manager (since 1999),
 - Head of the Department in Šibenik
 - Head of the Department of Marine Electrical Engineering and Electronics (1997 – 2001)
- 1989 - 1996 **Assistant - young**
 University of Split - Faculty of Maritime Studies, Zrinsko-frankopanska 38, Split, Croatia, <http://www.pfst.hr>
- 1985 - 1989 **Expert assistant for electrical installations**
 Institute for construction of Split, Zrinsko-Frankopanska, Split, Croatia
- Technical drawings supervision (on el. Installations)
 - Supervisor Engineer on construction sites (el. Installations)
- Business or sector Economy
- 1981 - 1985 **Designer for electrical installations**
 Monter d.o.o., business unit Split
- Technical drawings design (electrical installations)
- Business or sector Economy

EDUCATION AND TRAINING

- 26/07/2012 **Doctor of Technical Sciences** Level 8 / Ph.D.
 University of Rijeka, Faculty of Maritime Studies in Rijeka, Croatia
 • Field - Traffic and Transport Technology, branch – Maritime and Inland Waterway Traffic
- 14/03/1996 **Master of Technical Sciences** Level 8/7 Mr.Sc.
 University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia
 • Field –Electrical Engineering, Energy Systems Department
- 12/03/1985 **Graduate Electrical Engineer**
 University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia
 • Field - Electrical Engineering, Energy Systems Department

PERSONAL SKILLS

Mother tongue(s) Croatian language

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English language	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					

- Communication skills • Good communication skills, oral and in writing, obtained through participation and many presentations at scientific and professional conferences and through teaching undergraduate and graduate level students at the Faculty of Maritime studies, University of Split
 • Teamwork skills gained and confirmed through work on scientific and research projects

Organisational / managerial skills

At the Faculty of Maritime studies in Split carried out the following:

- Head of Department for Marine Electrical engineering and IT
- Director of the Centre for Quality Management
- FMC manager
- Head of the Department in Šibenik
- Head of the Department of Marine Electrical Engineering and Electronics
- Teamwork skills obtained through the work within research teams on different projects
- Mentoring students in preparation of final/graduate thesis and report papers

Job-related skills

- Good command of quality control processes (current Director of the Centre for Quality Management)
- State exam – licensed electrical engineer (since 1985)
- Electrical Power Systems
- Simulation methods in Electrical Engineering
- Optimization by use of Evolution Algorithm

Computer skills

- Advanced command of Microsoft Office Word, Excel and Power Point
- Basic knowledge of programming in Mat lab and mat lab -

Simulink Driving licence • B category

2 Information on academicwork

2.1 Process of acquiring academictitles

Dates (from - to)	2020 – Now
Place of employment	University of Split - Faculty of Maritime Studies Ass. Prof
Main activities and responsibilities	Associate professor
Dates (from - to)	2013 – 2020
Place of employment	University of Split - Faculty of Maritime Studies
Main activities and responsibilities	Ass. Prof.
Dates (from - to)	2004 – 2013
Place of employment	University of Split - Faculty of Maritime Studies in Split
Main activities and responsibilities	Senior Lecturer
Dates (from - to)	1996 – 2004
Place of employment	University of Split - Faculty of Maritime Studies in Split
Main activities and responsibilities	Lecturer
Dates (from - to)	1989 -1996
Place of employment	University of Split - Faculty of Maritime Studies in Split
Main activities and responsibilities	Assistant Professor

2.2 Master and Doctor degree thesis

Thesis degree	Master degree thesis
Title	Simulation model of electrical shipboard system
Education organisation	University of Zagreb, Faculty of Electrical Engineering and Computing
Year	1996
Mentor	Full prof. Ph. D. Srđan Babić
Thesis degree	Doctor degree thesis
Title	Evaluation of simulation model in optimization of electrical shipboard system
Education organisation	University of Rijeka, Faculty of Maritime Studies in Rijeka
Year	2012
Mentor	Full prof. Ph.D. Vinko Tomas

2.3 Scientific projects attendance

Project	CEKOM – Competence Center for Advanced Mobility , KK.01.2.2.03.022 IRA 13: Development and Construction of Compact Marine medium Voltage Switch Block 15/17,5 (MMVSB17,5)
Period (from – to)	10/09/ 2020. – 10/09/2023
Project type	research
Financing instrument	European Regional Development Fund, 2014-2020
Project leader	Maja Krčum, PhD
Project	Research on Innovative Maritime Technologies with Equipping the Research Laboratory at the faculty of Maritime Studies
Period (from – to)	17/04/ 2019. – 17/04/2023
Project type	VIF
Financing instrument	Ministry of Science
Project leader	Joško Šoda PhD
Project	Functional integration of the University of Split, PM/PFST/KTF through of scientific and research infrastructure in the three faculty (3F) building (KK.01.1.1.02.0018)
Period (from – to)	01/09/ 2018. – 01/04/2021
Project type	International
Financing instrument	EU, FP7
Project leader	Ivan Komar PhD
Project	Maritime management for the 21st century – sustainable and intelligent development of the coastal zone through the development of the professions and qualification standard in the field of maritime management and development of the relevant university graduate study (H.R.3.1.15-0033)
Period (from – to)	01/06/ 2015. – 01/04/ 2016.
Project type	Nacional
Financing instrument	MZOŠ, EU
Project leader	Merica Slišković PhD
Project	Internationalization of Marine Fishers and Military maritime Studies programs at the University of Split (UP.03.1.1.02.0046)
Period (from – to)	12/10/ 2018. – 11/10/2021.
Project type	Nacional
Financing instrument	European Union project co-finances 85% and the State Budget of the Republic of Croatia with 15%
Project leader	Merica Slišković, PhD
Project	New technologies in marine propulsion system diagnostics and management
Period (from – to)	02/01/2007- 27/10/2014
Project type	Nacional
Financing instrument	MZOŠ
Project leader	Radovan Antonić PhD/Ivan Komar PhD
Project	Marine power plants control in faulty and failure conditions
Period (from – to)	2007. – 2011.

Project type	Nacional
Financing instrument	MZOŠ, EU
Project leader	Prof.dr.sc. Marijo Oršulić
Project	Tempus project Cards SCM 2006 - Project Quality assurance in University
Period (from – to)	Teaching 2006.-2007.
Project type	TEMPUS – international
Financing instrument	EU
Project leader	Božana Knežević, PhD

Profesional	Passed the state exam in the field of electrical engineering (No. of Aut. E-779); Completed Instructor Training Course for Engine Room Simulator; Completed the course for Internal Auditors, ISO 9001 (BVQI); Completed the course for External Assessors (within Croatian Agency for Science and Higher Education -2009) Completed the FMC seminar(2011)
Memberships	Member of Centre for the Development of Quality System at the University of Split Member of the Quality System Board at the Faculty of Maritime Studies By the decree of the Senate of the University of Split, a member of the General Committee of the Student Centre in Šibenik By the decree of the Government of the Republic of Croatia, a member of the General Committee of the Port Authorities Split Member of the Supervisory Board of the Independent Syndicate of Science and Higher Education Member of the ELMAR, KOREM and ED associations Member of the Croatian Chamber of Electrical Engineers and Croatian Chamber of Commerce, i.e. Council for Energy System

Recently published scientific Papers (from 2010):

- Nediljko Kaštelan, Igor Vujević, Maja Krčum, Nur Assani: Switchgear Digitalization—Research Path, Status, and Future Work // *Sensors*, **22** (2022), 20; 7922, 15 doi:10.3390/s22207922
- Tomislav Peša, Maja Krčum, Grgo Kero, Joško Šoda: Retrofitting Vessel with Solar and Wind Renewable Energy Sources as an Example of the Croatia Study-Case // *Journal of marine science and engineering*, **10** (2022), 10; 1471, 21 doi:10.3390/jmse10101471
- Marko Zubčić, Nediljko Kaštelan, Maja Krčum, Tomislav Peša: LABORATORY POWER CONVERTER – ANALYSIS AND MODELLING FOR STUDENT TRAINING; ICTS 2022: 20th International Conference on transport Science, Portorož, Slovenia, May 23.24, 2022.
- Krčum, Maja; Zubčić, Marko; Kaštelan, Nediljko; Gudelj, Anita: Reducing the Dimensions of the Ship's Main Switchboard—A Contribution to Energy Efficiency // *Energies*, **14** (2021), 22; 7567, 21 doi:10.3390/en14227567
- Zubčić, Marko; Kaštelan, Nediljko; Krčum, Maja; Peša, Tomislav: MOTOR DRIVE EXPERIMENTAL SETUP PARAMETERS DETERMINATION // NAŠE MORE 2021 - 2 nd International Conference of Maritime Science & Technology / Mišković, Darijo (ur.). Dubrovnik: University of Dubrovnik, Maritime Department, 2021. str. 408-417
- Kaštelan, Nediljko; Zubčić, Marko; Krčum, Maja; Petković, Miro: Contribution to the reduction of the ship's switchboard by applying sensor technology // *Pedagogika -Pedagogy*, **93** (2021), 6s; 235-249 doi:10.53656/ped21-6s.21con
- Bacalja, Bruna; Krčum, Maja; Videk, Matea: EFFECTS OF AIR POLLUTION FROM SHIPS ON HUMAN HEALTH // 30th International Conference Ecology & Safety Burgas, Bugarska, 2021.
- Čović, Maja; Bacalja, Bruna; Krčum, Maja; Jelić Mrčelić, Gorana: From ballast water to harmful air emissions: how to reduce the impact of shipping on the pollution of the marine environment // *WIT transactions on the built environment*, **204** (2021), 105-116 doi:10.2495/UT210091
- Petković, Miro; Zubčić, Marko; Krčum, Maja; Pavić, Ivan: Wind Assisted Ship Propulsion Technologies – Can they Help in Emissions Reduction? // *Naše more : znanstveni časopis za more i pomorstvo*, **68** (2021), 2; 102-109 doi:10.17818/NM/2021/2.6
- Bacalja, Bruna; Krčum, Maja; Slišković, Merica: A Line Ship Emissions while Manoeuvring and Hotelling-A Case Study of Port Split // *Journal of marine science and engineering*, Volume 8 (2020), Issue 11; 953, 18 doi:10.3390/jmse8110953
- Peša, Tomislav; Krčum, Maja; Zubčić, Marko; Bacalja, Bruna: Implementation of renewable sources of energy on croatian coast guard logistic support vessel PT-71 // 19 TH INTERNATIONAL CONFERENCE ON TRANSPORT SCIENCE MARITIME, TRANSPORT AND LOGISTICS SCIENCE Slovenija, 2020. str. 258-262
- Petković, Miro; Zubčić, Marko; Krčum, Maja; Vujović, Igor: Maritime Green Solution for Traffic Congestion // *TransNav*, **14** (2020), 1; 97-103 doi:10.12716/1001.14.01.11
- Krčum, Maja; Zubčić, Marko; Dlabac, Tatjana: Electromechanical Analysis of the Medium Voltage Earthing Switch due to Short-Time and Peak Withstand Current Test // *Energies*, **12** (2019), 16; 3189, 17doi:10.3390/en12163189
- Krčum, Maja; Zubčić, Marko; Dlabac, Tatjana: Electromechanical Analysis of the Medium Voltage Earthing Switch due to Short-Time and Peak Withstand Current Test // *Energies*, **12** (2019), 16; 3189, 17 doi:10.3390/en12163189
- Dlabac, Tatjana; Čalsan Martin; Krčum, Maja; Marvučić, Nikola: PSO-BASED PID CONTROLLER DESIGN FOR SHIP COURSE-

- KEEPING AUTOPILOT // *Brodogradnja : časopis brodogradnje i brodograđevne industrije*, **70** (2019), 4; UDC 629.5.017.3:629.3.027.2, 15 doi:10.21278/brod70401 (međunarodna recenzija, prethodno priopćenje, znanstveni)
- Zubčić, Marko; Krčum, Maja; Peša, Tomislav; Bacalja, Bruna: KONCEPT ELEKTRIČNOG KATAMARANA ZA LINIJU SPLIT-ZRAČNA LUKA "SPLIT" // *39th Conference on Transportation Systems with International Participation AUTOMATION IN TRANSPORTATION 2019, Split, Croatia, 2019, str. 36-41*
 - Krčum, Maja; Zubčić, Marko; Gudelj, Anita: A Review and Comparison of Ship Power Simulation Methods // *Naše more, Vo. 65. No.4* (2018), 284-288 doi:10.17818/NM/2018/4SI.22
 - Krčum, Maja; Plazibat, Veljko; Šekularac Ivošević, Senka: Valuation of Transport Service Characteristics Relevant to the Establishment of Fast Inter-City Lines in Sea-Borne Passenger Traffic // *Transactions on Maritime Science, Vol 7 No 2* (2018), 174-183 doi:10.7225/toms.v07.n02.007 (međunarodna recenzija, prethodno priopćenje, znanstveni)
 - Zubčić Marko; Krčum Maja: Power Frequency Withstand Voltage Type Testing and FEM Analysis of the Medium-Voltage Switchgear Busbar Compartment // *2018 17th International Symposium INFOTEH-JAHORINA (INFOTEH 2018) East Sarajevo, RS, Bosnia-Herzegovina: IEEE, 2018. str. 23-27* (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)
 - Krčum, Maja; Gusdelj, Anita; Tomas, Vinko: Optimal Design of Ship's Hybrid Power System for Efficient Energy // *Transactions on Maritime Science, VOL 7* (2018), No 1; 23-32 doi:10.7225/toms.v07.n01.002 (međunarodna recenzija, prethodno priopćenje, znanstveni)
 - Gudelj, Anita; Krčum, Maja; Čorić, Mirko: Multiobjective optimization for job scheduling at automated container terminals // *The 14th International Symposium on Operational Research in Slovenia – SOR'17* / Zadnik Stirn, L ; Kljajić Borštar, M ; Žerovnik, J ; Drobne, S (ur.), Bled, Slovenija, 2017. str. 263-268 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)
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