

**COMMITTEE FOR PREPARATION OF PROPOSALS FOR APPOINTMENT
INTO ACADEMIC TITLE FOR SCIENTIFIC FIELD OF "COMPUTER SCIENCES"**

**INTERNATIONAL UNIVERSITY OF SARAJEVO
Faculty of Engineering and Natural Sciences**

Pursuant to Article 107, paragraph (3) of the Law on Higher Education ("Official Gazette of Sarajevo Canton" 33/2017) and based on the Decision of the Council of the Faculty of Engineering and Natural Sciences, number: IUS-FENS 06-1244/18 dated June 04, 2018, acting in accordance with the submitted Confirmation Certificate by Administrative Service No IUS-FENS 06-1166-1/18 (attached to this Report), the Committee for preparation of proposals for the appointment to academic titles composed of:

- **Asst. Prof. Dr. Kanita Karaduzovic-Hadziabdic**, assistant professor at the Faculty of Engineering and Natural Sciences – field: Computer Sciences (chairman),
- **Asst. Prof. Dr. Džejlja Međedović**, assistant professor at the Faculty of Engineering and Natural Sciences – field: Computer Sciences (member)
- **Asst. Prof. Dr. Emine Yaman**, assistant professor at the Faculty of Engineering and Natural Sciences – field: Computer Sciences (member)

Evaluated application of Dr. Šadi Matar for the appointment into position of Assistant Professor in the field of Computer Sciences upon public vacancy announcement published in newspaper "Nezavisne novine" and web page on May 16, 2018, and submits the following

**REPORT
(detailed)**

Applicant's name: ŠADI MATAR per his application for appointment into academic title of Assistant Professor

Dr. Šadi Matar was born in Amman, Jordan in 1976. Dr. Matar graduated from University of Sarajevo, Electrotechnical Faculty, Sarajevo, Bosnia and Herzegovina in 2004. In 2007, Dr. Šadi Matar completed his M.Sc. in Computer Engineering at Electrotechnical Faculty, Sarajevo, Bosnia and Herzegovina. Dr. Šadi Matar received a PhD degree at Brunel University London, UK, 2017. From 2004 - 2008 Dr. Matar has several years experience in industry working as a functional analyser and project engineer. Dr. Matar has four years teaching experiences in various courses related to computer science, working as a Senior Assistant and Adjunct Instructor at the American University in Bosnia and Herzegovina and International University of Sarajevo respectively. Dr. Matar has been working in the Ministry of Communications and Transport, Sarajevo, BiH since 2008. First as a Senior Advisor for Information Society, and from 2016 (ongoing) as an Advisor to the Minister. He is the author of several journal publications.

**KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR U AKADEMSKO NASTAVNO
ZVANJE ZA NAUČNU OBLAST „RAČUNARSKE NAUKE”**

VIJEĆU FAKULTETA PRIRODNIH I TEHNIČKIH NAUKA

Na osnovu člana 107., stav (3) Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“ 33/17), postupajući na osnovu Odluke Vijeća Fakulteta prirodnih i tehničkih nauka, broj: IUS-FENS 06-1244/18 od 04.06.2018. godine i Potvrde Stručne službe broj IUS-FENS 06-1166-1/18, Komisija za pripremanje prijedloga za izbor u akademska zvanja za naučnu oblast „Računarske nauke“, u sastavu:

- **Asst. Prof. Dr. Kanita Karadžović-Hadžiabdić**, docent na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu - naučna oblast računarske nauke (predsjednik);
- **Asst. Prof. Dr. Džejla Međedović**, docent na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu - naučna oblast računarske nauke (član);
- **Asst. Prof. Dr. Emine Yaman**, docent na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu - naučna oblast računarske nauke (predsjednik);

Nakon izvršene analize prijave za zvanje docent, podnesene po javnom konkursu od 16.05.2018. godine u dnevnim novinama „Nezavisne“ i internet stranici Internacionalnog univerziteta u Sarajevu, od strane aplikanta Dr. Šadi Matar, Komisija podnosi sljedeći:

I Z V J E Š T A J (s detaljima)

Kandidat: DR. ŠADI MATAR, postupajući po prijavi za zvanje DOCENTA

Dr. Šadi Matar je rođen 1976. godine u Amanu u Jordanu. Dr. Matar je 2004. godine diplomirao na Elektrotehničkom universitetu u Sarajevu, Sarajevo, BiH. Obrazovanje je nastavio na postdiplomskom studiju iz oblasti računarskog inženjeringa na istom univerzitetu, koji je uspješno okončao 2007. godine. Dr. Šadi Matar je doktorirao na Brunel univerzitetu u Londonu, UK, 2017. godine. Dr. Matar ima nekoliko godina iskustva u industriji gdje je radio kao projektni inženjer. Dr. Matar ima četiri godine predavačkog iskustva na raznim predmetima iz kompjuterskih nauka. Prvo kao Viši asistent na Američkom univerzitetu u Bosni i Hercegovini, a zatim kao ekspert u praksi na Internacionalnom univerzitetu u Sarajevu. Od 2008. Godine Dr. Matar radi u Ministarstvu komunikacija i prometa, Sarajevo, BiH kao Viši savjetnik za informaciono društvo, a od 2016. godine radi kao savjetnik ministra. Autor je nekoliko akademskih publikacija objavljenim u naučnim časopisima.

A. EDUCATION/OBRAZOVANJE

PhD	Brunel University London – School of Engineering and Design, London, UK	2017
MSc.	University of Sarajevo, Faculty of Electrical Engineering, Sarajevo, BiH	2007
BSc.	University of Sarajevo, Faculty of Electrical Engineering, Sarajevo, BiH	2004

B - LIST OF SCIENTIFIC AND OTHER PUBLICATIONS - NAUČNE I DRUGE PUBLIKACIJE

B. 1 JOURNAL PUBLICATIONS SUBMITTED WITH APPLICATION TO VACANCY / NAUČNI RADOVI OBJAVLJENI U NAUČNIM ČASOPISIMA DOSTAVLJENI UZ PRIJAVU NA KONKURS

- Nasim Matar, Šadi Matar, 2017, “A UNIFIED SOCIAL MEDIA FRAMEWORK DESIGN AGAINST FLOODS THREATS - THE CASE OF BOSNIA AND HERZEGOVINA”, Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645 E-ISSN: 1817-3195, Vol.97.No 1, (Accepted to be published in March 15-2017)
- S.Matar, N.Matar, B.Wamadeva, Z.Hunaiti, (2016), “Investigating Social Media Management, Adoption and Challenges - The Case of Bosnia and Herzegovina” Information and knowledge management journal, ISSN 2222-1905 (Paper) ISSN 2222-2839 (Online), Vol.8, No.24, 2016
- S.Matar, N.Matar, B.Wamadeva, Z.Hunaiti, (2016), " Social media platforms and its application in natural disaster and crisis events the case of Bosnia and Herzegovina", Information and knowledge management journal, ISSN 2224-5758(paper), ISSN 2224-896X(online) Vol.6, No.5, 2016.
- Matar, N., Hunaiti, Z., Hunaiti, Z. and Matar, S. (2009), “Promoting Flexible Unified E-Learning Structure”, IEEE Multidisciplinary Engineering Education Magazine (MEEM).
- Matar, N., Hunaiti, Z. and Matar, S. (2009), "Unified Learning Object Repository Approach Using ER-Course System", IEEE - Computer Society: Learning Technologies Newsletter, 11(4), pp. 11-15.
- Hadžović, S., Matar, Š., Popović, Ž. (2009), “ The Status of Optical Access Networks in EU“, Regional conference TELFOR 2009 (17. Forum of Telecommunications TELFOR 2009), Sava Center, Belgrade -Serbia, 24-26. November 2009.

B.2. BOOK CHAPTERS / POGLAVLJA U KNJIGAMA

1. Matar, N., Hunaiti, Z., Halling, S. and Matar, S. (2011), “A Study of E-learning State and Quality in the Middle East Region Challenges and Recommendations”, in ICT Acceptance, Investment and Organization: Cultural Practices and Values in the Arab World, ISBN13: 9781609600488 (2011).

C. PROJECTS / PROJEKTI

05/2017 - 4/2018 - Project manager	
Beneficiary	Ministry of Communications and Transport of BiH and Bit Alliance
Project title:	First & Second Conference on the development of software industry in Bosnia and Herzegovina
Project Description	The aim of this project activity was to disseminate the potential of the software industry in Bosnia and Herzegovina, and identify issues that need to be prioritised by the Government on various levels so this industry flourish

02/2017 - 5/2017 - Project manager	
Beneficiary	Ministry of Communications and Transport of Bosnia and Herzegovina in cooperation with the Embassy of Switzerland in Bosnia and Herzegovina and the International Forum of Solidarity – Emmaus
Project title:	Surf the internet safe and smart - Stories from the Internet
Project Description	The aim of this project is to provide parents, educators and professors with knowledge about tool which will help them to explain to young generation the ways in which they can fall into internet traps, as well as how to take preventive actions in order to avoid negative consequences of using the internet.

09/2014 - 2018 – UNDP vetted expert	
Beneficiary	United Nations Development Programme
Project title:	Democratic Governance: Information and Communication Technologies for Development & e-governance

Project Description	<p>Working with the UNDP Country Office Bosnia and Herzegovina on:</p> <ul style="list-style-type: none"> • Support activities of UNDP in the area of ICT driven innovation for the inclusion of citizens and further modernization of public administration • Support design of projects, research and solutions in the areas of ICT for e-Inclusion of marginalized groups (women, persons with disabilities, rural poor, Roma, etc.) and training for public administration and citizens
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01/2009 - 2018 – ICT expert	
Beneficiary	Regional Cooperation Council (RCC)
Project title:	Information Society & e-governance in the Western Balkans
Project Description	Providing assistance, support and expertise on Bosnian and Herzegovina ICT capabilities and e-Services, needs for cooperation with regional countries for implementing of joint activities that need to be implemented under the recommendation of SEE Strategy 2020 - dimension F “Digital Society”.

08/2016 - 11/2016 - National Consultant	
Beneficiary	United Nations Development Programme
Project title:	Design and Delivery of a Training Programme on the Use of Information and Communication Technologies (ICTs) for Citizen Participation in Public Life and Decision-Making - Strengthening the Role of Local Communities in Bosnia and Herzegovina;
Project Description	The aim of this project is to provide high-level education on the Use of Information and Communication Technologies (ICTs) for Citizen Participation in Public Life and Decision-Making within a project for Strengthening the Role of Local Communities in Bosnia and Herzegovina

02/2014 - 02/2015 - Project leader on behalf of Bosnia and Herzegovina	
Beneficiary	NATO’s Industrial Resources and Communications Services Group (IRCSG)
Project title:	Training, Educating and e-Learning on NATO
Project Description	The aim of this program is developing and providing suitable e-Learning modules for Civil Experts and other interested parties at NATO HQ

07/2013 - 7/2014 – Lead member

Beneficiary	Ministry of Communications and Transport of Bosnia and Herzegovina
Project title:	State level Law on e-Document for Institutions of BiH
Project Description	Working as a lead member on providing assistance, support and expertise for adopting the new law on e-Document for the Institution of Bosnia and Herzegovina. This law regulates all the technical and standard issues regarding the using of e-Document with embedded e-Signature in it.

07/2013 – 11/2013 – ICT Expert Consultancy	
Beneficiary	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Project title:	Programme for Strengthening of Public Institutions in Bosnia and Herzegovina - Expert review during the design and Development of e-Learning course on E-Government
Project Description	Providing expert consultancy for the GIZ in Bosnia and Herzegovina for developing and using e-Government module that is intended for government officials of BiH. The development of this module was mainly based on using e-Learning tools and capabilities of programs such as Camtasia and Articulate e-Learning tools.

02/2012 – 4/2012 – Project manager	
Beneficiary	Ministry of Communications and Transport of BiH in cooperation with UNDP, Microsoft, Oracle, OneWorldSee and the RCC in Bosnia and Herzegovina.
Project title:	The International Girls in ICT Day
Project Description	The International Girls in ICT Day is an initiative launched by the International Telecommunication Union (ITU) members in 2011 with the idea to create a global environment that will empower and encourage girls and young women to consider careers in the field of information and communication technologies.

06/2011 – 9/2011 – ICT expert	
Beneficiary	United Nations Development Programme and Ministry of Communications and Transport of Bosnia and Herzegovina
Project title:	e-Accessibility project for Bosnia and Herzegovina

Project Description	Participated and co-organized the UNDP e-Accessibility project 2013 for the need of Bosnia and Herzegovina, where I have conducted the needed studies, and surveys as well as the needs for setting Web sites for Persons with Disabilities that are services fully interoperable WCAG 2.0 compliant
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01/2010 – 10/2013 – Technical Manager	
Beneficiary	Ministry of Communications and Transport of BiH
Project title:	Southeast European Research Area for the e-infrastructures project
Project Description	The core objective of the Southeast European Research Area for the e-infrastructures project was to engage the national key Programme owners in the field of e-infrastructures in establishing a communication platform, and undertaking activities in building the common regional e-infrastructures vision, strategy and action plan.

01/2010 – 8/2011 – Lead member	
Beneficiary	Ministry of Communications and Transport of BiH in cooperation with the World Bank e-IFC
Project title:	Analysis of the impact of regulations on the legal and institutional framework for electronic signature
Project Description	Conducting with the e-IFC-World Bank in BiH an overall study of Impact Assessment for implementing the law of e-Signature in Bosnia and Herzegovina. This study provided 5 models that suite the situation in Bosnia and Herzegovina and that are adequate for needs of EU and the regions when it comes to using of accredited e-Signature.

01/2010 – 8/2010 – Project manager	
Beneficiary	Ministry of Communications and Transport of BiH
Project title:	Document Management System (DMS)
Project Description	Projecting and Implementing Document Management System solution at the Ministry of Communications and Transport of BiH with all the needed software and technical solutions. These solutions provide e-Office solutions and electronic data keeping in PDF and other formats.
02/2010 – 12/2010 – Project manager	

Beneficiary	Ministry of Communications and Transport of BiH
Project title:	Document Management System (DMS)
Project Description	Projecting and Implementing Document Management System solution at the Ministry of Communications and Transport of BiH with all the needed software and technical solutions. These solutions provide e-Office solutions and electronic data keeping in PDF and other formats.

D. INTRODUCTORY LECTURE

Dr. Šadi Matar does not need to deliver introductory lecture since he actively participated in the realization of the lecturing process at higher education institutions

Dr. Šadi Matar ne treba održati pristupno predavanje jer već posjeduje iskustvo predavača na visokoškolskim ustanovama.

E - PROPOSAL AND RATIONALE

Based on the above biography, in accordance with the Law on Higher Education of Sarajevo Canton ("Official Gazette of Sarajevo Canton" No: 33/17), we are pleased to propose to the Council of the Faculty of Engineering and Natural Sciences to appoint Dr. Šadi Matar to the academic title of ASSISTANT PROFESSOR in the scientific field of "Computer Sciences", at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo.

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Na osnovu prethodno izloženog, u skladu sa odredbama Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo" br: 33/17), sa zadovoljstvom predlažemo Vijeću Fakulteta prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu da se dr. Šadi Matar izabere za nastavnika u naučno-nastavnom zvanju DOCENTA na naučnoj oblasti "Računarske nauke", na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu.

COMMITTEE / KOMISIJA

- **Asst. Prof. Dr. Kanita Karadžović-Hadžiabdić** (chairman/predsjednik)

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- **Asst. Prof. Dr. Džejla Medjedović** (member/član)

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- **Asst. Prof. Dr. Emine Yaman** (member/član)
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