

CV Mujo Hodžić

I. Personalne informacije

Mujo Hodžić Grbavička 8a
71000 Sarajevo
Mujo.hodzic@size.ba; mujo.hodzic@bhtelecom.ba
Državljanin BiH
Rođen 19.5.1962.

II. Obrazovanje,

-godine 1989. Inženjer, Elektrotehničkom fakultetu Univerziteta u Sarajevu, na temu "Funkcionalni modeli poziva u ATC ET 200

-godine 2004. Magistar, Elektrotehničkom fakultetu Univerziteta u Sarajevu, na temu "Modelovanje I simulacija ADSL modema I prijenosne linije za brzinu 6,144 Mbit/s"

-godine 2018. Doktor elektrotehničkih nauka, Univerzitet u Tuzli, Fakultet elektrotehnike, na temu "Funkcionalno modelovanje nelinearnih električnih komponenti na bazi fizikalnih jednačina

III. Radno iskustvo

- 1.2022 -... BH Telecom, dd Sarajevo, Univerzitet u Zenici
2. 2016-2022 Specijalist za QMS u BH Telecom
3. 2013-2016 Rukovodilac službe za realizaciju investicija u BH Telecom
4. 2010-2013 Inspektor BH Telecom
5. 2004-2010 Šef odjeljenja za realizaciju investicija

6. 1998-2004. Šef odjeljenja MM Tuzla
7. 1994-1998 Upravnik RJ PTT Lukavac
8. 1991-1992 Profesor u srednjoj školi Fric Pavlik Bosanski Brod

IV. Članstvo u Udruženjima i drugim tijelima

1. Član skuštine Društva za napredne tehnologije –DnT
2. Član organizacionog odbora međunarodnog simpozija INTSIKT Tuzla
3. Član organizacionog odbora Međunarodne konferencije BHAAAs-ISICT
4. Član organizacionog odbora FOAN
5. International conference of Engineering and natural science-ICENS 2016

V Bibliografija

Migration from g (e) pon to ngpon

E Skaljo, M Hodzic, I Bektas

2009 International Conference on Ultra Modern Telecommunications & Workshops ...

Aging and degradation of optical fiber parameters in a 16-year-long period of usage

5 2020

A Maslo, M Hodzic, E Skaljo, A Mujcic

Fiber and Integrated Optics 39 (1), 39-52

A cost effective topology in fiber to the home point to point networks based on single wavelength bi-directional multiplex

5 2015

E Skaljo, M Hodzic, A Mujcic

2015 International Workshop on Fiber Optics in Access Network (FOAN), 11-16

Transmission of Two Optical Signals Through the Fiber in Opposite Directions Using PLC Splitters—Practical Measurements

3 2017

M Hodzic, E Skaljo, N Suljanovic, A Mujcic

International Symposium on Innovative and Interdisciplinary Applications of ...

| | | |
|---|-----------|------|
| <u>Last Mile at FTTH Networks: Challenges in Building Part of the Optical Network From the Distribution Point to the Users in Bosnia and Herzegovina</u> AM Anis Maslo, Mujo Hodzic BHAAS-ISICT, published Springer | <u>2*</u> | 2018 |
| <u>Modelling Overvoltage Protection Components: Verilog Simulations of Combined MOV and GDT Arresters</u> M Hođić, A Mujčić, N Suljanović, M Zajc Informacije MIDEM 47 (4), 261-272 | <u>2</u> | 2017 |
| <u>Practical implementation of a business model based on Cloud computing technologies and IoT</u> S Muhić, N Goran, M Hodžić, E Babović, A Mujčić 2020 28th Telecommunications Forum (TELFOR), 1-4 | <u>1</u> | 2020 |
| <u>Optical Network Security Attacks by Tapping and Encrypting Optical Signals</u> AM Anis Maslo, Nermin Sarajlic, Mujo Hodzic IAT 2020: Advanced Technologies, Systems, and Applications V 5 (Advanced ... | <u>1*</u> | 2020 |
| <u>Analysis of Techno-Economic Profitability on the Example of Construction of an Optical Suburban Access Network in Srebrenica</u> M Hohzic, A Maslo, E Skaljo International Symposium on Innovative and Interdisciplinary Applications of ... | <u>1</u> | 2017 |
| <u>Design and Implementation of a Virtual Machine for a Dynamic Object-Oriented Programming Language</u> E Marevac, M Keleštura, A Junuzović, M Hodžić, S Muhić International Symposium on Innovative and Interdisciplinary Applications of ... | | 2023 |
| <u>Modeling and simulation of fiber optic transmission links</u> N Goran, M Hodzic, A Maslo, A Mujčić Science, Engineering and Technology 2 (1), 16-23 | | 2022 |
| <u>Powering over single mode fiber by shortening working time of IoT device</u> | | 2022 |

- E Skaljo, A Mujcic, P Munster, A Maslo, M Hodzic, M Duhandzic, ...
ITM Web of Conferences 42
- Powering over single mode fiber by shortening working time of IoT device 2022
MDEK Edvin Skaljo, Aljo Mujcic, Petr Munster, Anis Maslo, Mujo Hodzic
1st International Conference of Applied Computing & Smart Cities ICACS21 ...
- Machine Learning and Quality of Customer Experience in Leading Telecom Providers of Bosnia and Herzegovina 2021
A Maslo, M Hodžić, E Skaljo, A Mujčić
2021 13th International Congress on Ultra Modern Telecommunications and ...
- Application of UML in Designing Beekeeping Production and Sales, Using Visual Paradigm and Other IT Tools 2021
M Bajramović, M Hodžić, N Goran, S Muhić, A Mujčić
International Symposium on Innovative and Interdisciplinary Applications of ...
- Dental Clinic in the e-Health Cloud: A Prototype of the SaaS Platform 2021
A Durmić, A Fetić, D Bejdić, M Dizdarević, H Bečić, M Hodžić, S Muhić
International Symposium on Innovative and Interdisciplinary Applications of ...
- Machine learning and quality of customer experience in leading telecom providers of Bosnia and Herzegovina 2021
AM A Maslo., M Hodzic., E Skaljo.
ICUMT 2021. the 13th international congress on ultra modern ...
-) Optical Network Security Attacks by Tapping and Encrypting Optical Signals 2021
MA Maslo A., Sarajlić N., Hodžić M.
Advanced Technologies, Systems, and Applications V. IAT 2020. Lecture Notes ...
- A practical analysis of attenuation in segment of home installation of FTTH networks 2020
A Maslo, N Goran, M Hodžić, E Škaljo, A Mujčić
2020 28th Telecommunications Forum (TELFOR), 1-4

- Practical implementation of a business model based on Cloud computing technologies and IoT 2020
AM Sanid Muhić, Nermin Goran, Mujo Hodžić, Elmir Babović
Telfor Belgrade
- A practical analysis of attenuation in segment of home installation of FTTH networks 2020
AM Anis Maslo, Nermin Sarajlic, Mujo Hodzic
Telfor Belgrade
- Degradation of Optical Fiber Parameters During the Period of Usage: 2003-2019 2019
A Maslo, M Hodzic, A Mujcic, E Skaljo
2019 International Workshop on Fiber Optics in Access Networks (FOAN), 72-77
- Analysis of Optical Fibers Characteristics Due to Different Influences 2019
A Maslo, M Hodzic, A Mujcic, N Goran
International Symposium on Innovative and Interdisciplinary Applications of ...
- Analisis Teho-Economic Profitability of FTTH Suburban Networks on THE Example of Construction on AN Srebrenica 2017
ES Mujo Hodzic, Anis Maslo
BHAAAS, International Symposium on Information and Communication ...
- Transmission of Two Optical Signals Through the Fibber in Opposite Directions Using PLC Splitters—Practical Measurements Chapter 2017
AM Mujo Hodzic, Edvin Skaljo, Nermin Suljanovic
BHAAS simposium, Teslic, BiH 8 (2018), pp.776-784
- Compact Modelling of Non-linear Components in Verilog-A 2017
M Hodzic, A Mujcic
Advanced Technologies, Systems, and Applications, Springer, 323-334
- Remote control of lighting using programming language Matlab, Zigbee techology and PIC18F452 micro controller, 2016
Edin Mujcic, Dženita Nuhic, Mujo Hodzic

| | |
|--|------|
| 2nd International Conference on Engineering and Natural Sciences ICENS Sarajevo | |
| <u>The use microcontroller and android operating system for control matrix display</u> Edin Mujcic, Una Drakulic, Mujo Hodžic 25th IEEE International Electrotechnical and Computer Science Conferenc- ERK ... | 2016 |
| <u>High frequence tehnology in telemedicine services</u> AM Edvin Skaljo, Mujo Hodzic CEBEBIH International BURCH UNIVERSITY Sarajevo | 2015 |
| <u>Modelovanje i simulacija metal oksidnih varistora pomoću Verilog-A jezika</u> AM Mujo Hodžić, Nermin Suljanović Internacionalni telekomunikacioni Forum Beograd Telfor | 2014 |
| <u>Širokopojasne mreže i pametni grad</u> MH Edvin Skaljo INTSIKT, Tuzla | 2011 |
| <u>Problemi u realizaciji širokopojanog pristupa s postojećom mrežom metalnih kablova i njihovo prevazilaženje</u> M Hodzic Telekomunikacije broj 9, Sarajevo | 2010 |
| <u>Optical cable in access networks</u> ES Mujo Hodzic Intsikt, Tuzla | 2009 |
| <u>Gigabitna pasivna mreža u TDM okruženju</u> MH Edvin Skaljo, Faruk Selmanovic, Dino Dzevlan, Hajrudin Suman MIPRO2009, pp, 91 – 95, Opatija | 2009 |
| <u>Univerzalno tehnično reševanje za razširitev prve/zadnje milje optike v pristopu</u> IB Edvin Skaljo, Mujo Hodzic ERK09, Portoroz | 2009 |

- FTTH – Challenge and business case 2007
IB Edvin Skaljo, Muradif Husic, Mujo Hodzic
Proceedings of the ERK07, , Slovenija, pp. 172 - 175
- Is FTTH real option for BiH and Surround 2007
MH Mujo Hodzic, Edvin Skaljo
INTSIKT, Tuzla
- Modelovanje preslušavanja korištenjem Matlaba kod ADSL modema 2006
HB Mujo Hodžić
BIHTEL, Sarajevo
- DSL medij za prenos podataka 2002
M Hodžić
BIHTEL, Sarajevo
- Simulacija ADSL modema za ATM prenos, 2001
HB Mujo Hodžić, Aljo Mujčić
BIHTEL, Sarajevo
- Remote Control of Lighting Using Programming Language Matlab, ZigBee Technology and PIC18F452Microcontroller
DN EdinMujčić, M Hodžić
- Compact modelling of nonlinear components in Verilog-A
M HODŽIĆ, A MUJČIĆ