PROFIL

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PORTFOLIO
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INDIRA HUSEINAGIĆ

Elektroingenieurin

BERUFLICHER WERDEGANG

2011-2017 **Universitätsassistentin**

Internationale Universität Sarajevo, Fakultät für Natur- und Technikwissenschaften, Studienprogramm Elektrotechnik und Elektronik.

- **Vorlesungen:** Signale und Systeme, Gleichstromnetzwerke, Wechselstromnetzwerke, Digitale Signalverarbeitung, Logische Schaltungen, Energiesysteme
- **Forschungswissenschaftliche Tätigkeiten:** Conference und Journal Artikel
- **Mitarbeit an Projekten:** projekte in C++ und Matlab
- **Rolle:** Program Coordinator Assistant, Studienberater

AUSBILDUNG

2008-2010 **Master-Studiengang**

Universität Sarajevo, Fakultät für Elektrotechnik Sarajevo, Abteilung für Telekommunikation.

2005-2008 **Bachelor-Studiengang**

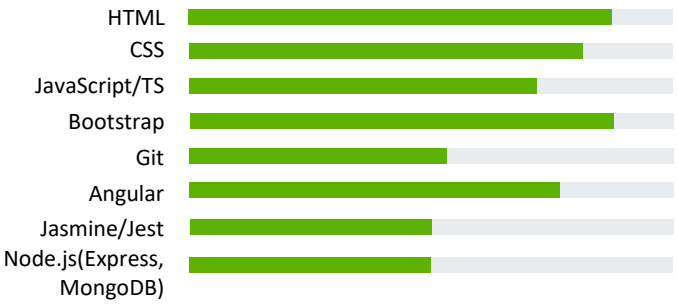
Universität Sarajevo, Fakultät für Elektrotechnik Sarajevo, Abteilung für Telekommunikation.

KENNTNISSE

Sprachen

- **Bosnisch:** Muttersprache
- **Englisch:** Verhandlungssicher in Wort und Schrift
- **Deutsch:** gut in Wort und Schrift

EDV-Kenntnisse



Sonstiges: jQuery, C++, Matlab, Lyx

SONSTIGES

Führerschein Klasse B
Mitgliedschaft IEEE Society

München, 2021

SCHLÜSSELPUBLIKATIONEN

Konferenz

[1] I. Huseinagić, I. Džafić and R. A. Jabr, "A compensation technique for unsymmetrical three-phase power flow", *2016 International Symposium on Industrial Electronics (INDEL)*, Banja Luka, 2016, pp. 1-6.

[2] T. Hrnjić, I. Huseinagić and T. Đonlagić, "Software architecture and communication protocols for integration of renewables in distribution smart grids", *2016 XI International Symposium on Telecommunications (BIHTEL)*, Sarajevo, 2016, pp. 1-6.

[3] T. Hrnjić, I. Huseinagić and F. Pašić, "Object oriented graphical user interface development methodologies for distribution smart grid applications", *2016 XI International Symposium on Telecommunications (BIHTEL)*, Sarajevo, 2016, pp. 1-6.

[4] I. Dzafic, I. Huseinagic, M. Music and E. Halilovic, "Software package for power system analysis", *2014 IEEE International Energy Conference (ENERGYCON)*, Dubrovnik, 2014, pp. 610-615.

[5] I. Dzafic, I. Muhic, M. Music, **I. Rustempasic** and N. Lecek, "Fault location in distribution network using cumulative approach", *Eurocon 2013*, Zagreb, 2013, pp. 1352-1356.

[6] A. Ali Aburas, **I. Rustempasic**, I. Muhic and B. Gheith Yildiz, "Communication Engineering Curriculum (Past, Present and the Future)", *International Conference on Electrical, Computer, Electronics and Communication Engineering* (ICECECE 2012), Zurich, Switzerland, July 5-6, 2012.

Journal

[1] R. A. Jabr, I. Džafić and I. Huseinagić, "Real Time Optimal Reconfiguration of Multiphase Active Distribution Networks", in *IEEE Transactions on Smart Grid*, vol. 9, no. 6, pp. 6829-6839, Nov. 2018.

[2] I. Dzafic, R. A. Jabr, I. Huseinagic, and B. C. Pal, "Multi-phase state estimation featuring industrial-grade distribution network models", *IEEE Transactions on Smart Grid*, vol. PP, no. 99, pp. 1–1, 2016.

[3] I. Huseinagic, "Modern Distribution Management System and Voltage VAR Control", *Southeast Europe Journal of Soft Computing,* vol.4, no.2, pp. 13-20, Sep. 2015.

[4] I. Huseinagic, "Optimal Feeder Reconfiguration Optimization problem in Power Distribution Networks", *Southeast Europe Journal of Soft Computing,* vol.4, no.2, pp. 38-45, Sep. 2015.

Buch

[1] I. Dzafic, M. Hodzic, and I. Huseinagic, *Distribution System State Estimation, with examples in Matlab, C++ and AMPL*. International University of Sarajevo, 2014.