




Lejla Ahmethodzic

Nationality: Bosnian-Herzegovinian  (+387) 61866886 **Date of birth:** 03/04/1984

Gender: Female  **Email address:** lahmethodzic@etf.unsa.ba

 **Address:** Zmaja od Bosne bb, 71000 Sarajevo (Bosnia and Herzegovina)

WORK EXPERIENCE

Student assistant

Faculty of Electrical Engineering University of Sarajevo [2004 – 2007]

City: Sarajevo

Country: Bosnia and Herzegovina

Student teaching younger students

Teaching assistant

Faculty of Electrical Engineering University of Sarajevo [2007 – 2014]

City: Sarajevo

Country: Bosnia and Herzegovina

Senior Teaching Assistant

Faculty of Electrical Engineering University of Sarajevo [2014 – Current]

City: Sarajevo

Country: Bosnia and Herzegovina

EDUCATION AND TRAINING

Dipl. Electrical Engineer in Automatic Control and Electronics

Faculty of Electrical Engineering University of Sarajevo [2001 – 2007]

Address: Sarajevo (Bosnia and Herzegovina)

Master of Science in Automatic Control and Electronics

Faculty of Electrical Engineering University of Sarajevo [2008 – 2014]

Address: Sarajevo (Bosnia and Herzegovina)

PHD student

Faculty of Electrical Engineering University of Sarajevo [2018 – Current]

Address: Sarajevo (Bosnia and Herzegovina)

LANGUAGE SKILLS

Mother tongue(s): **Bosnian**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

PUBLICATIONS

L. Ahmethodzic, M. Music, Comprehensive review of trends in microgrid control

[2021]

<https://doi.org/10.1016/j.ref.2021.07.003>

Renewable Energy Focus, Volume 38, Pages 84-96, ISSN 1755-0084

L. Ahmethodžić, N. Hadžimejlić and A. Ahmethodžić, Cascade SMC control of Ćuk converter for telecommunication systems power supply

[2014]

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2014 X International Symposium on Telecommunications (BIHTEL), pp. 1-5

L. Ahmethodžić, O. Mušić, N. Hadžimejlić, Inverter Control Using the Real Sliding Mode (Upravljanje invertora primjenom realnog kliznog režima)

[2012]

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Journal BH Elektrotehnika, Vol. 6, pp 25-30

N. Hadžimejlić, O. Mušić, L. Ahmethodžić, Power Flow Control in an Electric Power System Using Electronic Power Converters

[2011]

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Journal BH Elektrotehnika, No 5, pp 49-53

O. Mušić, N. Hadžimejlić, L. Ahmethodžić, Inverter Control Using the Real Sliding Mode (Upravljanje invertora primjenom realnog kliznog režima)

[2011]

X Savjetovanje BH K CIGRE, Sarajevo

O. Mušić, N. Hadžimejlić, L. Ahmethodžić, DC Voltage Boost Converter Output Voltage Control Using Inductor Current Sliding Mode (Upravljanje izlaznog napona istosmjernog pretvarača za podizanje napona uvođenjem kliznog režima po struji zavojnice)

[2011]

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A. Ahmethodžić, O. Mušić, L. Ahmethodžić, Sample Time Selection Influence on Control Loops Closed over Communication Network (Uticaj izbora vremena uzorkovanja na regulacijske petlje zatvorene preko komunikacijske mreže)

[2011]

X Savjetovanje BH K CIGRE, Sarajevo

N. Hadžimejlić, O. Mušić, L. Ahmethodžić, Application of Power Converter in Power System (Primjena pretvarača u elektroenergetskom sistemu)

[2009]

IX Savjetovanje BH K CIGRE, Neum

A. Ahmethodžić, L. Ahmethodžić, Expanding Dispatch and Control Center in JP Elektroprivreda BiH SCADA Application for Company Management Needs (Proširenje SCADA aplikacije dispečerskog centra upravljanja JP Elektroprivrede BiH za potrebe menadžmenta)

[2009]

IX Savjetovanje BH K CIGRE, Neum

L. Ahmethodzic, Electro-Magnetic Actuators and their Application Areas, student paper

[2006]

10 Turkish-German Summer Academy in Advanced Engineering 2006., Izmir, Turkey

HONOURS AND AWARDS

Golden badge of University of Sarajevo

University of Sarajevo [2008]

Award for best students at the university

Golden ring of Faculty of Electrical Engineering

Faculty of Electrical Engineering [2008]

Award for the best student at the faculty

LINKS

Google scholar

<https://scholar.google.com/citations?user=whx72IAAAA&hl=en&oi=ao>

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<https://orcid.org/0000-0002-2958-6987>

Publons

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