PERSONAL INFORMATION

Nidret Ibrić

Univerzitetska 8, 75000 Tuzla, Bosnia and Herzegovina

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nidret.ibric@untz.ba

Sex Male | Date of birth 25/12/1982 | Nationality Bosnia and Herzegovina

STUDIES APPLIED FOR

Post-doctoral research

WORK EXPERIENCE

October 2007-to date

Teaching Assistant

Faculty of Technology, University of Tuzla, Univerzitetska 8, 75000 Tuzla (www.tf.untz.ba)

- Included in the education process on the course subjects: material and energy balances, chemical process design, process integration, analysis and simulation of chemical processes.
- Involved in the home and international research project as given in the additional information's.

Business or sector Education

EDUCATION AND TRAINING

November 2011-September 2014

PhD-Thesis Title: 'Synthesis and Optimization of the Process Water Networks'

University of Tuzla, Faculty of Technology

February - May 2013

CEEPUS students exchange programme within CEEPUS network 'PhD in Chemistry and Chemical Engineering'

Faculty of Chemistry and Chemical Engineering, University of Maribor

September 2008-October 2010

MSc-Thesis Title: 'Development of the Optimization Model for the Integrated Water System Design in the Process Industries'

University of Tuzla, Faculty of Technology

September 2001-November 2006

Undergraduate studies in Food Engineering

University of Tuzla, Faculty of Technology

PERSONAL SKILLS

Mother tongue(s) Bosnian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills: Good communication skills developed through team work on scientific research projects and work with students

Computer skills:
- Good command of the office tools (word processor, spreadsheets and presentation software) acquired through the current job requirements.
- Advanced knowledge of a modelling tool GAMS (General Algebraic Modelling System) gained by developing mathematical optimization models during my PhD research.
- Good knowledge of the graphical design tool Corel Draw™.
- Web design skills developed through the design and maintenance of the home faculty web page (www.tf.untz.ba). Knowledge of Microsoft Expression Web as well as basics of HTML and CSS programming.
- Good knowledge of the Visual Basic for Application (VBA) and C programming language acquired by developing custom designed models for the chemical process simulation.

Driving licence:
- B obtained in 2005.

ADDITIONAL INFORMATION

Publications:
- SCOPUS author details and a list of publications. (http://www.scopus.com/authid/detail.url?authorId=36091208600)
- Author information from Google Scholar entry. (https://scholar.google.si/citations?user=uuvYaiMAAAAJ&hl=en&oi=ao)

Projects: Participant in the following projects:
- Computer Aided Process Engineering applied to energy, water, and waste reduction during process design and operation. SCOPES: Joint Research Projects between Industrial Process and Energy Systems Eng. IPESE-IGM-STI EPFL, University of Maribor and University of Tuzla, 2014-2017.
- Synthesis of the sustainable water, wastewater treatment and energy networks in the process industries. Bilateral project between Bosnia and Herzegovina (University of Tuzla) and Republic of Slovenia (University of Maribor), 2014-2015.
- Automated synthesis and design of the sustainable processes. University of Tuzla, Faculty of Technology. Project financed by Federal ministry of science and education of Bosnia and Herzegovina, 2010-2011.
- Development and application of the optimisation model for the water reduction in the process industries. Bilateral project between Bosnia and Herzegovina (University of Tuzla) and Republic of Slovenia (University of Maribor), 2010-2011.

Conferences:
- N. Ibrić, E. Ahmetović, Z. Kravanja, Synthesis of Water, Wastewater Treatment, and Heat-Exchanger Networks, European Symposium on Computer Aided Process Engineering (ESCAPE), June 15-18. 2014, Budapest, Hungary.
- N. Ibrić, E. Ahmetović, Z. Kravanja, Synthesis of heat-integrated water networks including wastewater regeneration, Slovenian Chemical Days (SKD), September 10-12. 2013, Maribor, Slovenia.
- N. Ibrić, E. Ahmetović, Z. Kravanja, A sequential approach for the synthesis of heat-integrated water networks, in: Slovenian Chemical Days (SKD), September 12-14. 2012, Portorož, Slovenia.

Memberships:
- Member of Croatian Society of Chemists and Chemical Engineers from 2011 to date.

Awards:
- 3 months Mobility Grant at Faculty of Chemistry and Chemical Technology, University of Maribor, within the framework of the CEEPUS SI-0708 Mobility Grant Programme.

References:
- PhD Elvis Ahmetović, associate professor, University of Tuzla, Faculty of Technology. (elvis.ahmetovic@untz.ba)
- PhD Zorka Novak Pintarič, associate professor, University of Maribor, Faculty of Chemistry and Chemical Technology (zorka.novak@um.si)

ANNEXES

- Letter of Award for the CEEPUS Mobility Grant Programme.