



**UNIVERSITY OF ZENICA**  
**(Bosnia and Herzegovina)**



**FACULTY OF MECHANICAL**  
**ENGINEERING**



**UNIVERSITY OF BELGRADE,**  
**TECHNICAL FACULTY BOR,**  
**SERBIA**



**UNIVERSITY OF APPLIED**  
**SCIENCES TRIER,**  
**ENVIRONMENTAL CAMPUS**  
**BIRKENFELD, GERMANY**

**8<sup>th</sup> International Scientific Conference**  
**Environmental and Material Flow Management**

**EMFM 2018**



**- CALL FOR PAPERS -**

## PROGRAM COMMITTEE

Šefket Goletić, PhD, *President*

Ivan Mihajlovic, PhD, *Vice-president*

Nusret Imamović, PhD

Džafer Dautbegović, PhD

Muvedet Šišić, PhD

Đorđe Nikolić, PhD

Halim Prcanović, Msc

Sanela Beganović, Msc

Jakuta Imširović, BA, tech. secretary

Lamija Subašić, MA, *secretary*

## CONFERENCE DATE AND VENUE

The Conference will be held from 14<sup>th</sup> to 16<sup>th</sup> November 2018 in the Hotel Zenica, in Zenica, Bosnia and Herzegovina.

Hotel Zenica is situated in the heart of the business quarter of the city of Zenica. The city centre and all its attractions and cultural sights are in the immediate vicinity of the hotel.

The spacious rooms completely redecorated and adapted, according to the demands of the business guests, as well as those who visit Zenica as tourists, are at Your disposal to provide You with the ultimate comfort.

For all additional information, please visit [www.hotelzenica.ba](http://www.hotelzenica.ba)

## 8<sup>th</sup> International Scientific Conference Environmental and Material Flow Management

# EMFM 2018

14<sup>th</sup> - 16<sup>th</sup> November 2018, Hotel Zenica, Zenica





ABSTRACTS

Abstracts should be submitted in English language and prepared in following style: title (font Times New Roman, Bold, Capital Letters, 14pt, centered), authors' names and addresses (Times New Roman, Bold, 12pt, Italic, centered), text not exceeding 1800 characters (Times New Roman, normal, 12pt, justified) with margins: top and left - 25mm, bottom and right - 25mm, in A4 format (210x297 mm).

All submitted abstracts will be published in the Book of Abstracts, before the conference. All full papers will be published in the conference proceedings e-book with an ISBN number, which will be sent to Thomson Reuter's Web of Science index to be evaluated.

CONFERENCE TOPICS

The Conference will be performed as follows: plenary session (key papers concerned global topics), conference (papers according to the conference topics) and workshops, when needed. We would like to inform all potential authors to prepare papers in the following topics:

- Environmental Engineering
- Material Flow Management
- Life Cycle Analysis
- Sustainable Development
- Air Quality Management
- Water Quality Management
- Energy Management and Efficiency
- Waste Management
- Industrial Ecology
- Cleaner Production



MAIN DETAILS

The International Conference on Environmental Management and Material Flow Management – EMFM 2018 will be organized this year for the eighth time, jointly by the Faculty of Mechanical Engineering, University of Zenica (Bosnia and Herzegovina), Technical Faculty in Bor, University of Belgrade (Serbia), and Environmental Campus Birkenfeld, University of Applied Sciences Trier (Germany), presenting a forum for representation and discussion of scientific research and practice on the subjects of environmental and material flow management.



ORGANIZING COMMITTEE

- Šefket Goletić, PhD, *President* (Bosnia and Herzegovina)
- Đorđe Nikolić, PhD,*Co-president* (Serbia)
- Nusret Imamović, PhD, (Bosnia and Herzegovina)
- Fuad Hadžikadunić, PhD (Bosnia and Herzegovina)
- Mustafa Imamović, PhD (Bosnia and Herzegovina)
- Jusuf Duraković, PhD (Bosnia and Herzegovina)
- Darko Petković, PhD (Bosnia and Herzegovina)
- Predrag Đorđević, PhD (Serbia)
- Džafer Dautbegović, PhD (Bosnia and Herzegovina)
- Raif Seferović, PhD (Bosnia and Herzegovina)
- Muvedet Šišić, PhD (Bosnia and Herzegovina)
- Halim Prcanović, Msc (Bosnia and Herzegovina)
- Fahrudin Brkić, Msc (Bosnia and Herzegovina)
- Azra Sivo, BA (Bosnia and Herzegovina)
- Almir Bajtarević, BA (Bosnia and Herzegovina)
- Lamija Subašić, MA (Bosnia and Herzegovina), Secretary
- Jakuta Imširović, BA (Bosnia and Herzegovina), Tech. secretary



IMPORTANT DATES

- Submission of abstracts ..... July 5<sup>th</sup> 2018
- Notification of acceptance and instruction for preparation of the papers ..... July 30<sup>th</sup> 2018
- Submission of full paper .....September 15<sup>th</sup> 2018
- Final Programme .....November 8<sup>th</sup> 2018
- EMFM 2018 Conference.....November 14-16<sup>th</sup> 2018

*The symposium fee which includes admission to the sessions, Book of Proceedings and the accompanying materials, welcome cocktail and refreshments during the Conference is **FREE** for all participants.*



ACCOMMODATION

Information about the City of Zenica is available at: <http://www.zenica.ba>. Hotel “Zenica” is located at the center of the City of Zenica. The conference hall is located at the ground floor of the Hotel and has free wireless connection.



INTERNATIONAL SCIENTIFIC AND REVIEW COMMITTEE

Goletić Šefket, PhD, Bosnia and Herzegovina – *President*  
Živković Živan, PhD, Serbia – *Co-president*  
Helling Klaus, PhD, Germany – *Co-president*  
Mihajlović Ivan, PhD, Serbia - *Co-president*

- Andrejaš Franc, PhD, B&H
- Antonijević Milan, PhD, Serbia
- Avdić Nurudin, PhD, B&H
- Bikić Farzet, PhD, B&H
- Budak Igor, PhD, Serbia
- Bushati Jozef, PhD, Albania
- Bušatlić İlhan, PhD, B&H
- Čabaravdić Malik, PhD, B&H
- Čikmiš-Talić Amra, PhD, B&H
- Ćurović Milić, PhD, Montenegro
- Dautbegović Džafer, PhD, B&H
- Delijić Kemal, PhD, Montenegro
- Dimitrov Lubomir, PhD, Bulgaria
- Dragović Nada, PhD, Serbia
- Duraković Jusuf, PhD, B&H
- Durmišević Smail, PhD, B&H
- Đorđević Predrag, PhD, Serbia
- Eckard Helmers, PhD, Germany
- Ekinović Sabahudin, PhD, B&H
- Janiček František, PhD, Slovakia
- Hadžikadunić Fuad, PhD, Italy
- Hadžistević Miodrag, PhD, Serbia
- Herceg Nevenko, PhD, B&H
- Hodžić Nedim, PhD, B&H
- Husika Azrudin, PhD, B&H
- Imamović Mustafa, PhD, B&H
- Imamović Nusret, PhD, B&H
- Jašarević Sabahudin, PhD, B&H
- Joksimović Aleksandar, PhD, Montenegro
- Josep Arnaldos Viger, PhD, Spain
- Jovanović Ivan, PhD, Serbia
- Kamberović Željko, PhD, Serbia
- Karaj Shkelqim, PhD, Albania
- Karaosmanoglu Filiz, PhD, Turkey
- Klisura Fuad, PhD, B&H
- Knaus Michael, PhD, Germany
- Kosec Borut, PhD, Slovenia
- Kubica Juraj, PhD, Slovakia
- Lamut Jakob, PhD, Slovenia
- Londo Andonaq, PhD, Albania
- Ljubojev Milenko, PhD, Serbia
- Maçi Adrian, PhD, Albania
- Majernik Milan, PhD, Slovakia
- Maras Vesna, PhD, Montenegro
- Martinov Milan, PhD, Serbia
- Midžić-Kurtagić Sanda, PhD, B&H
- Mihajlov Anđelka, PhD, Serbia
- Milošević Novica, PhD, Serbia
- Minkovski Robert, PhD, Macedonia
- Muhamedagić Sulejman, PhD, B&H
- Müller Joachim, PhD, Germany
- Neimarlija Nagib, PhD, B&H
- Nikolić Đorđe, PhD, Serbia
- Nowosielski Richard, PhD, Poland
- Omay Didem, PhD, Turkey
- Petković Darko, PhD, B&H
- Plančić Ibrahim, PhD, B&H
- Popović Ivanka, PhD, Serbia
- Pretz Thomas, PhD, Germany
- Ristić Ratko, PhD, Serbia
- Salihović Edhem, PhD, Austria
- Samec Niko, PhD, Slovenia
- Schulte Peter, PhD, Germany
- Seferović Raif, PhD, B&H
- Sokić Miroslav, PhD, Serbia
- Soković Mirko, PhD, Slovenia
- Sredojević Jovan, PhD, B&H
- Stefano Tornincasa, PhD, Italy
- Šišić Muvedet, PhD, B&H
- Škerget Leopold, PhD, Slovenia
- Štrbac Nada, PhD, Serbia
- Tekasakul Perapong, PhD, Thailand
- Velikonja Joran, PhD, Canada
- Versele Alexis, PhD, Belgium
- Vesely Marian, PhD, Slovakia
- Vicheva Milka, PhD, Bulgaria
- Visekruna Antonija, PhD, B&H
- Vojnović Miloradov Mirjana, PhD, Serbia
- Vujić Goran, PhD, Serbia
- Vukelić Đorđe, PhD, Serbia
- Vukojević Nedeljko, PhD, B&H
- Vukovic Milovan, PhD, Serbia
- Wisutmethangoon Worawut, PhD, Thailand
- Zessner Matthias, PhD, Austria
- Zlatić Miodrag, PhD, Serbia
- Živković Živan, PhD, Serbia



## CONTACT

In case of any additional queries, please feel free to contact us:

Phone: 00 387 32 449 120, 00 387 32 449 124,

Fax: 00 387 32 246 612

E-mail:

The official conference address: [emfm2018@unze.ba](mailto:emfm2018@unze.ba)

Ms. Lamija Subašić, Secretary: [sklamija@hotmail.com](mailto:sklamija@hotmail.com)

Nusret Imamović, PhD: [nimamovic@mf.unze.ba](mailto:nimamovic@mf.unze.ba)

[www.emfm.unze.ba](http://www.emfm.unze.ba)



Address:

**FACULTY OF MECHANICAL ENGINEERING IN ZENICA**

**Fakultetska 1**

**for The International Scientific Conference on  
Environmental and Material Flow Management**

**EMFM 2015**

**72000 ZENICA**

**BOSNIA AND HERZEGOVINA**



The name of Zenica was first mentioned on 20 March 1463 in a Dubrovnik Republic document. Situated in the valley of the Bosna River in the center of Bosnia and Herzegovina, the city of Zenica covers 557.5 km<sup>2</sup>. It is surrounded by mountains, hills and canyons. The rivers Bosna, Babina, Kočeva and Lašva all flow through the city. In the region of Zenica, the course of the Bosna River is some 32 kilometer long. The city has a moderate continental climate. The height above the sea-level of the urban area is 312 meters. In year 2015 Zenica had number of 126 871 inhabitants. Today, it is the administrative center of Zenica-Doboj Canton. As the commercial center of Bosnia and Herzegovina, Zenica is distanced 70 kilometers from Sarajevo. The nearest airport is in Sarajevo. Zenica is a very pleasant place adjusted for living, also known for its extremely valuable cultural and historical sights.

