



**UNIVERSITY OF EAST SARAJEVO
FACULTY OF MECHANICAL ENGINEERING**



6th INTERNATIONAL SCIENTIFIC CONFERENCE

COMETa 2022



**”Conference on Mechanical Engineering Technologies
and Application”**

**Jahorina, BiH, RS
17th –19th November 2022**

SECOND INFORMATION AND CALL FOR PAPERS

The conference has been supported by:



ADEKO

DEADLINES

- Submission of abstract by **August 26st, 2022**
- Notification of acceptance of abstracts by **September 9th, 2022**
- Submission of papers by **November 1th, 2022**
- Review results information by **November 5th, 2022**
- Final programme by **November 10st, 2022**
- COMETA 2022 conference **November 17th – 19th, 2022**

MAIN TOPICS

1. Manufacturing technologies and advanced materials
2. Applied mechanics and mechatronica
3. Machine design, simulation and modeling
4. Product development and mechanical systems
5. Energy and thermo technic
6. Renewable energy and environmental protection
7. Maintenance and technical diagnostics
8. Quality, management and organization
9. Student section

SCIENTIFIC COMMITTEE

PhD Dušan Golubović, FME UES (B&H)– **president**
PhD Adisa Vučina, FMEC Mostar (B&H)
PhD Aleksandar Aleksić, FE Kragujevac (Serbia)
PhD Aleksandar Jovović, FME Belgrade (Serbia)
PhD Aleksandar Košarac, FME UES (B&H)
PhD Balasaheb M. Patre, SGGs IET (India)
PhD Biljana Marković, FME UES (B&H)
PhD Bogdan Marić, FME UES (B&H)
PhD Borut Kosec, NTF Ljubljana, (Slovenia)
PhD Božidar Rosić, FME Belgrade (Serbia)
PhD Branimir Krstić, Military academy, University of Defence in Belgrade (Serbia)
PhD Branko Vučijak, FME Sarajevo (B&H)
PhD Bratislav Blagojević, FME Niš (Serbia)
PhD Damjan Klobčar, FME Ljubljana (Slovenia)
PhD Danijela Tadić, FE Kragujevac (Serbia)
PhD Darko Knežević, FME Banja Luka (B&H)
PhD Dejan Jeremić, FME UES (B&H)
PhD Dragan Milčić, FME Niš (Serbia)
PhD Dragan Spasić, FTS Novi Sad (Serbia)
PhD George Nenes, UOWM (Greece)
PhD Goran Janevski, FME Niš (Serbia)
PhD Goran Orašanin, FME UES (B&H)
PhD Goran Putnik, University of Minho, (Portugal)
PhD Goran Šimunović, MEFSB (Croatia)
PhD Indiran Thirunavukkarasu, Manipal Institute of Technology, Indija
PhD Isak Karabegović, FTS Bihać (B&H)
PhD Ivan Samardžić, MEFSB (Croatia)
PhD Izet Bjelonja, FME Sarajevo (B&H)

PhD Jozsef Nyers, The Obuda University Budapest (Hungary)
PhD Kyros Yakinthos, AUTH, (Greece)
PhD Lozica Ivanović, FE Kragujevac (Serbia)
PhD Ljubodrag Tanović, FME Belgrade (Serbia)
PhD Ljubomir Miladinov, FME Belgrade (Serbia)
PhD Mathias Liewald, IFU, (Germany)
PhD Milan Rackov, FTS Novi Sad (Serbia)
PhD Milan Rakita, Purdue Univerzitet, SAD
PhD Milan Tica, FME Banja Luka (B&H)
PhD Milan Zeljković, FTS Novi Sad (Serbia)
PhD Mile Savković, FMCE Kraljevo (Serbia)
PhD Milorad Milovančević, FME Belgrade (Serbia)
PhD Milosav Ognjanović, FME Belgrade (Serbia)
PhD Mirko Blagojević, FE Kragujevac (Serbia)
PhD Mirko Dobrnjac, FME Banja Luka (B&H)
PhD Mirko Ficko, UM FPME, (Slovenia)
PhD Miroslav Stanojević, FME Belgrade (Serbia)
PhD Miroslav Živković, FE Kragujevac (Serbia)
PhD Mladen Tomić, FTS Novi Sad (Serbia)
PhD Mladomir Milutinović, FTS Novi Sad (Serbia)
PhD Nebojša Lukić, FE Kragujevac (Serbia)
PhD Nebojša Radić, FME UES (B&H)
PhD Nenad Pavlović, FME Niš (Serbia)
PhD Nikola Vučetić, FME UES (B&H)
PhD Nina Anđelić, FME Belgrade (Serbia)
PhD Novak Nedić, FMCE Kraljevo (Serbia)
PhD Obrad Spaić, UES PFM, (B&H)
PhD Pavel Kovač, FTS Novi Sad (Serbia)
PhD Peter Novak, UNM FPME, (Slovenia)
PhD Radislav Bulatović, FME Podgorica (MNE)
PhD Radivoje Mitrović, FME Belgrade (Serbia)
PhD Radoslav Tomović, FME Podgorica (MNE)
PhD Radovan Radovanović, The Academy of criminalistic and police studies Belgrade (Serbia)
PhD Ranko Antunović, FME UES (B&H)
PhD Risto Ciconkov, FME Skopje (Macedonia)
PhD Saša Randelović, FME Niš (Serbia)
PhD Sergej Alexandrov, Institute for Problems in Mechanics (Russia)
PhD Siniša Kuzmanović, FTS Novi Sad (Serbia)
PhD Slaviša Moljević, FME UES (B&H)
PhD Slavko Arsovski, FE Kragujevac (Serbia)
PhD Snežana Nestić, FE Kragujevac (Serbia)
PhD Spasoje Trifković, FME UES (B&H)
PhD Srđan Vasković, FME UES (B&H)
PhD Sreten Perić, Military academy, University of Defence in Belgrade (Serbia)
PhD Stanislav Karapetrović, University of Alberta (Canada)
PhD Stevan Stankovski, FTS Novi Sad (Serbia)
PhD Stojan Simić, FME UES (B&H)
PhD Strain Posavljak, FME Banja Luka (B&H)
PhD Velimir Stefanović, FME Niš (Serbia)
PhD Vencislav Grabulov, Institut IMS, Srbija
PhD Vladimir Popović, FME Belgrade (Serbia)

PhD Vlado Medaković, FME UES (B&H)
PhD Vojislav Miltenović, FME Niš (Serbia)
PhD Zdravko Krivokapić, FME Podgorica (MNE)
PhD Zorana Tanasić, FME Banja Luka (B&H)

ORGANIZING COMMITTEE

PhD Milija Krašnik, FME UES – **president**
PhD Miroslav Milutinović, FME UES
PhD Saša Prodanović, FME UES
PhD Nikola Vučetić, FME UES
Davor Milić, ma, FME UES
Aleksije Đurić, ma, FME UES

TECHNICAL SECRETARIE

Krsto Batinić, FME UES
Milica Bošković, ma, FME UES

SECRETARY

Vera Stanišić

BASIC CONCEPT OF THE CONFERENCE

- Plenary session (invited papers about global issues)
- Symposium (oral presentation on the conference topics and poster presentation)
- Workshops
- Round table

PAPER APPLICATION AND CONFERENCE FEES

- Paper submission for COMETA 2022 Conference is done using on-line conference management system at cometa.ues.rs.ba
- Template for paper formatting can be downloaded from same web addresses.
- Conference fee is 100€ (200 BAM). Participating fee should be paid no later than November 2nd, 2022.
- Conference fee covers conference materials, cocktail and refreshments, gala dinner and all other activities during the Conference.

TECHNICAL PRESENTATION

In agreement with the organizer of the Conference, the interested institutions and companies can organize presentations of their scientific research, development and production projects and programs, equipment and products. Presentations may last up to 45 minutes.

- Presentation of products and equipment of companies 300€ (600 BAM). The price includes the registration fee.
- Presentation of companies 400€ (800 BAM). The price includes the registration fee.
- Donations/sponsorship 500€ (1.000 BAM). The donor is entitled to one free room and a registration fee.

Instructions for paying shall be submitted later.

CONFERENCE LANGUAGES

Official languages of the conference are English and official languages of B&H.

DATES AND VENUES

The Conference will be held from November 17th – 19th, 2022. in East Sarajevo, on the Mountain Jahorina.



Note: Participant may have no more than two papers. All papers, except for invited papers will be peer reviewed. The accepted papers will be published in the official Proceedings of the Conference.

ABOUT THE CONFERENCE

Production in developed countries is based on the modernization and optimization of manufacturing processes with the use of advanced technologies that are result scientific and technological development, mainly from scientific researches. The application of new technologies enables more efficient production and competitiveness of enterprises in the global market, where coupling with scientific research institutions is very important.

Faculty of Mechanical Engineering of University of East Sarajevo continues to organize international conference "COMETa 2022", with aims to contribute to the implementation of new technologies into production processes as well as achieving better cooperation between scientific

research institutions and enterprises and in that way enable implementation of results that will be published in papers at the conference.

Organization of the previous conferences „COMETA 2012“, „COMETA 2014“, „COMETA 2016“, „COMETA 2018“ and „COMETA 2020“ proved to be successful, as pointed out by all participants, especially foreign colleagues, and the next conference should use the positive experience of the previous one and reach a bit higher level in all aspects of the organization.

The main goal of this conference is to bring together renowned national and international experts in the field of research and application of new technologies and development of mechanical engineering, in order to share experiences and knowledge, expose actual researches and new solutions and thus improve the competitiveness of the economy in region.

We have great pleasure to invite all interested scientific research institutions and businesses to actively participate and with their papers and other conference activities contribute to successfully organizing of this scientific conference.

**PRESIDENT OF
ORGANIZING COMMITTEE
PhD Milija Krašnik**

**UNIVERSITY OF EAST SARAJEVO
FACULTY OF MECHANICAL ENGINEERING**

Vuka Karadžića 30

71123 East Sarajevo, B&H, RS Tel.: (+387 57) 340 847

Fax.: (+387 57) 340 847

E-mail: cometa@ues.rs.ba

www.cometa.rs.ba