

## IMPORTANT DATES

Initial paper submission:	<b>2 March 2015</b>
Paper acceptance notification:	<b>16 March 2015</b>
Final paper submission:	<b>4 May 2015</b>
Conference program:	<b>20 May 2015</b>

FURTHER DETAILS ARE AVAILABLE ON:

**[www.demi.rs.ba/2015](http://www.demi.rs.ba/2015)**



University of Banja Luka  
Faculty of Mechanical Engineering Banja Luka

## TECHNICAL PRESENTATIONS

Sponsors of the Conference will have an opportunity to present their products and services.

The companies interested in presentations are invited to register timely in order time and space arrangements can be planned accordingly.

## PAPER SUBMISSION

Paper submission needs to include the following information:

- Author(s) name(s)
- Title
- Institution(s)
- Address
- Telephone
- E-mail
- Thematic field
- Paper title
- Key words
- Abstract (150 words maximum)

## CONFERENCE LANGUAGE

English language

PARTICIPATION REGISTRATION ONLY VIA

THE CONFERENCE WEB-SITE:

**[www.demi.rs.ba/2015](http://www.demi.rs.ba/2015)**

### Note:

The papers will be peer reviewed. The accepted ones will be published on the DEMI Conference CD and in the Book of Abstracts.

## ORGANIZED BY

FACULTY OF MECHANICAL ENGINEERING  
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MINISTRY OF SCIENCE AND TECHNOLOGY OF  
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AND  
THE CITY OF BANJALUKA

## CONFERENCE VENUE AND TIME

Faculty of Mechanical Engineering Banja Luka  
29 – 30 May 2015

## ADDRESS

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# DEMI 2015

*12. International Conference  
on Accomplishments  
in Electrical and  
Mechanical Engineering  
and Information Technology*

## Call for Papers

**DEMI 2015**

**DEMI 2015**

**29<sup>th</sup>-30<sup>th</sup> May 2015**

**Banja Luka**

## THE DEMI CONFERENCE

*The DEMI Conference is a major meeting for presentation of new research and development results in electrical and mechanical engineering as well as information technology.*

*The aim of the DEMI 2015 Conference is to present scientific and professional accomplishments and possibilities for their application, but also to set course for future research and development, in order to improve technological aspects of industry by introducing new technologies.*

*The DEMI 2015 Conference is an opportunity for researchers and engineers, both from the academic community and industry, to get together, to exchange experiences and to define the state of affairs in the industry as well as to create preconditions for the development of new capacities and ambient for new investments.*

Banja Luka,  
27 November 2014

Chairman of the Organizational  
Committee  
Prof. Vid Jovišević, PhD

## THEMATIC FIELDS OF THE CONFERENCE

### PRODUCTION AND COMPUTER-AIDED TECHNOLOGIES

Machining Technologies, CIM Systems, CNC Systems, CAD/CAPP/CAM Systems, FMS, Industrial Robots, New Products, Technologies and Processes. Intelligent Design and Production Systems,...

### ENERGETICS AND THERMAL ENGINEERING

Thermal Engineering, Heating, Ventilation and Air-Conditioning (HVAC), Refrigeration, Energy Efficiency, Renewable Energy Sources,...

### MECHANICS AND DESIGN

Mechanics of Rigid and Solid Bodies, Fluid Mechanics, Biomechanics, Dynamics of Machines and Mechanisms, Fracture Mechanics, Numerical and Experimental Mechanics, Machine Systems, Power Transmission, Product Design and Development, Structural Integrity and Life,...

### MECHATRONICS AND INFORMATION TECHNOLOGY

Mechatronics and Robotics, Information and Communication Technologies, Computer Control Technology, Automatic Control, Industrial and Process Control, ...  
System Identification and Modelling, Hydraulic Systems,...

### AUTOMOTIVE AND TRAFFIC ENGINEERING

Motors, Road Vehicles, Rail Vehicles, Modelling of Traffic Systems, Modern Means of Transportation, Transportation Equipment and Systems, Logistics...

### QUALITY AND ECOLOGY

Quality Management System, Quality in the Education System, Quality Methods and Techniques, Business Excellence, Integrated Management Systems, CE Marking, Intelligent Production Metrology, Lean & Green Production, Engineering Management, Ecology,...

### MAINTENANCE OF ENGINEERING SYSTEMS AND OCCUPATIONAL SAFETY ENGINEERING

Maintenance Methods and Techniques, Design and Management of Maintenance Systems,  
Maintenance and New Maintenance Technologies. Occupational and Environmental Safety Systems, Safety Systems Design, Fire Protection Systems, Reliability of Safety Systems,...

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