

COMET_a2014

2nd INTERNATIONAL SCIENTIFIC CONFERENCE

2nd - 5th December 2014
Jahorina, B&H, Republic of Srpska



University of East Sarajevo
Faculty of Mechanical Engineering
Conference on Mechanical Engineering Technologies and Applications

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2nd – 5th December 2014.*

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PREFACE

Production in developed countries is based on the modernization and optimization of the production processes with the application of new technologies that are the result of scientific research. The application of new technology enables company's efficient production and competitiveness in the world market.

Faculty of Mechanical Engineering, University of East Sarajevo, organizes the Second international conference "COMETa2014 - Conference on Mechanical Engineering Technologies and Application", which has tasks: to increase economic competitiveness in the region and to give an contribution to creation of unique European Research Area.

Globally, we are witnessing a rapid development and a host of new technological solutions, which occur primarily in the multidisciplinary development (mechatronics) but also in development of completely new technologies, such as nanotechnology, biomaterials, bioengineering, new energy sources, intelligent machines and processes, micro-technique, etc. All of this puts researchers and engineers in the new challenges and creates opportunities for products and technologies that provide a precondition for economic recovery and creation of new jobs.

COMETa2014 conference program structure is consisted of the following thematic areas: Production technologies and advanced materials, Energy and environment, Applied mechanics and mechatronics, Development of products and mechanical systems, Quality and management and Organization and maintenance.

Participation in international conference COMETa2014 was achieved by: 229 authors from 11 countries, with a total of 102 papers, including 3 plenary lectures.

Inside of conference COMETa2014 has been planned organization of three working meeting and one round table discussion based on actual topics of conference. During the conference, it will be presented some of technical solutions produced in companies from our region.

The presence of a large number of participants from Bosnia and Herzegovina and abroad as well as the problems which are processed at the conference, coincide with the themes promoted by the European Union in its development programs.

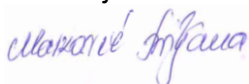
On the basis of previous exposure, a gathering of scientists and researchers at the international conference COMETa should be understood not only as an exchange of knowledge and achievements of the narrower set of scientists and researchers, but also as a constant and serious attempt to focus social consciousness and social life on activities that ensures progress and prosperity of any society, and that is productive work, creating new knowledge and economic development.

On behalf of the Organizing Committee and Scientific Committee of the Conference COMETa2014, we want to express our gratefulness to all authors, reviewers, as well as institutions, companies and individuals who contributed to realization of the Conference.

East Sarajevo, November 19th, 2014.

President of the Scientific Committee

Prof. dr Biljana Marković



President of the Organizing Committee

Prof. dr Ranko Antunović



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