



10TH ANNIVERSARY INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL AND MECHANICAL ENGINEERING AND INFORMATION TECHNOLOGY

DEMI 2011

26th - 28th May 2011

Banja Luka, Republic of Srpska, BOSNIA & HERZEGOVINA

ORGANIZED BY:

University of Banja Luka,
Faculty of Mechanical Engineering

ABOUT THE CONFERENCE

Traditionally, the Faculty of Mechanical Engineering of the University of Banja Luka, has been organizing the International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology, DEMI, every two years. DEMI 2011 is the 10th Anniversary Conference, which indicates that this conference has a significant place and role in connecting scientists and professionals in electrical and mechanical engineering, as well as computer science.

The aim of the Conference is to indicate the state of research in mechanical engineering and information and communication technologies in the region and present a realistic picture of the industry in terms of the global economic crisis. We are hoping that the results of scientific investigations and research institutions, and research results from the industry, will make a significant contribution to the integration of new technologies in production processes and induce the competitiveness of domestic industry.

We would like to invite all academics and researchers, and experts from the industry, to take part in the Conference DEMI 2011 and exchange experiences, present the latest results of their research, to propose new forms of cooperation between scientific institutions and the economy and the challenges of contemporary business conditions.)

THEMATIC FIELDS

PRODUCTION TECHNOLOGIES AND ENGINEERING

Production technologies, conventional and unconventional processes, production systems and computer integrated manufacturing, quality, safety at work, standards, information systems, management

MECHANICS AND DESIGN

Mechanics of rigid and deformable body, fluid mechanics, hydraulics and pneumatics, design methods, stability of structures, designing of products, analysis and synthesis of construction

TRAFFIC MEANS

Engines, vehicles, railway vehicles, traffic systems modeling, modern transportation means & systems, logistics

THERMOTECNIQUE AND ENERGETICS

Thermal Engineering, heating, air conditioning, ventilation, refrigeration, energy efficiency, renewable energy sources

MAINTENANCE OF TECHNICAL SYSTEMS

The methods and techniques of maintenance, design and managing of maintenance systems, maintenance versus new technologies, maintenance versus protection of the environment

MECHATRONICS

Industrial automation, automatic control systems, proportional and servo technology, robotics



IMPORTANT TERMS

Final paper: 15.04.2011.
Conference agenda: 15.05.2011.
The Opening Ceremony: 26.05.2011

TIME & VENUE

Venue: Banja Luka,
Faculty of Mechanical Engineering
Time: 26-28 May 2011

ORGANIZATIONAL BOARD – FACULTY OF MECHANICAL ENGINEERING BANJALUKA

| | |
|---|--|
| Gordana Globočki-Lakić , PhD. Assoc. Professor, Chairman | Valentina Golubović-Bugarski , PhD. Assist. Professor |
| Miroslav Rogić , PhD. Professor | Milan Tica , MS. Mechanical Engineering |
| Snežana Petković , PhD. Associate Professor | Stevo Borojević , BS. Mechanical Engineering |
| Zdravko Milovanović , PhD. Associate Professor | Bojan Knežević , BS. Mechanical Engineering |
| Petar Gvero , PhD. Associate Professor | Branislav Sredanović , BS. Mechanical Engineering |
| Strain Posavljak , PhD. Assistant Professor | Branislav Jovković , BS. Mechanical Engineering |
| Darko Knežević , PhD. Assistant Professor | Milivoj Stipanović |
| Tihomir Latinović , PhD. Assistant Professor | |

INTERNATIONAL SCIENTIFIC BOARD

| | | |
|--|--|--|
| Blagojević Aleksa , Faculty of Mechanical Engineering Banjaluka, B&H | Kostolansky Eduard , University of Cyril and Methodius Trnava, Slovakia | Ravano Giambattista , University SUPSI, Switzerland |
| Blagojević Drago , Faculty of Mechanical Engineering Banjaluka, B&H | Kozić Đorđe , Faculty of Mechanical Engineering Beograd, Serbia | Savić Vladimir , FTN Novi Sad, Serbia |
| Bobrek Miroslav , Faculty of Mechanical Engineering Banjaluka, B&H | Lukač Duško , University of Applied Science, Germany | Schmied Joachim , Delta JS, Switzerland |
| Bojanić Pavao , Faculty of Mechanical Engineering Beograd, Serbia | Maksimović Stevan , Aeronautical Institute, Serbia | Seok Park Hong , University of Ulsan, Korea |
| Bulatović Miodrag , Faculty of Mechanical Engineering Podgorica, Montenegro | Miletić Ostoja , Faculty of Mechanical Engineering Banjaluka, B&H | Šljivić Milan , Faculty of Mechanical Engineering Banjaluka, B&H |
| Čosić Ilija , FTN Novi Sad, Serbia | Miličić Dragomir , Faculty of Mechanical Engineering Banjaluka, B&H | Soković Mirko , Faculty of Mechanical Engineering Ljubljana, Slovenia |
| Dakić Pantelija , Faculty of Mechanical Engineering Banjaluka, B&H | Milutinović Dragan , Faculty of Mechanical Engineering Beograd, Serbia | Stefanović Milentije , Faculty of Mechanical Engineering Kragujevac, Serbia |
| Določek Vlatko , University of Sarajevo, B&H | Nedić Bogdan , Faculty of Mechanical Engineering Kragujevac, Serbia | Stegić Milenko , FSB Zagreb, Croatia |
| Đuričković Veljko , Faculty of Mechanical Engineering Banjaluka, B&H | Ninković Dobrivoje , ABB Turbo-Systems AG, Switzerland | Thomeensen Trygve , Norwegian University of Science and Technology, Norway |
| Filipović Ivan , Faculty of Mechanical Engineering Sarajevo, B&H | Ognjanović Milosav , Faculty of Mechanical Engineering Beograd, Serbia | Todić Velimir , FTN Novi Sad, Serbia |
| Gerasimčuk G. Vasilj , "KPI", Ukraine | Pešić Radivoje , Faculty of Mechanical Engineering Kragujevac, Serbia | Tufekčić Demo , Faculty of Mechanical Engineering Tuzla, B&H |
| Gruden Dušan , TU Wien, Austria | Plančak Miroslav , FTN Novi Sad, Serbia | Veinović Stevan , Faculty of Mechanical Engineering Kragujevac, Serbia |
| Ivković Branko , Faculty of Mechanical Engineering Kragujevac, Serbia | Pop Nicolae , North University of Baia Mare, Romania | Vereš Miroslav , Faculty of Mechanical Engineering, Bratislava, Slovakia |
| Jokanović Simo , Faculty of Mechanical Engineering Banjaluka, B&H | Radovanović Milan , Faculty of Mechanical Engineering Beograd, Serbia | Zeljковиć Milan , FTN Novi Sad, Serbia |
| Jovišević Vid , Faculty of Mechanical Engineering Banjaluka, B&H | | Zrilić Ranko , Faculty of Mechanical Engineering Banjaluka, B&H |
| Kojić Miloš , Harvard University, USA | | Zrnić Nenad , Faculty of Mechanical Engineering Beograd, Serbia |

TECHNICAL PRESENTATIONS AND EXHIBITIONS

The Conference organizer is planning marketing and commercial presentations of companies for conference participants. We would like to invite all companies to take this opportunity and present their products and services to the Conference participants.

Companies that would like to sponsor the Conference will be provided with location and time for technical presentations.

CORRESPONDENCE

Address:
FACULTY OF MECHANICAL ENGINEERING
STEPE STEPANOVICA 75
78000 BANJA LUKA
REPUBLIC OF SRPSKA, BiH
www.demi.rs.ba
e-mail: info@demi.rs.ba