

FUTURE TEMPO

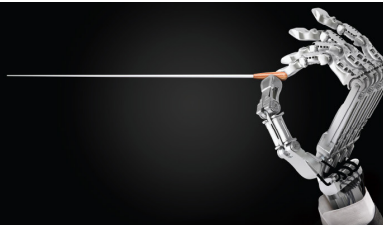
MAY 15 - 19



61ST INTERNATIONAL
TECHNICAL FAIR



UFI
Approved
Event



80th BELGRADE
FAIR
A place that was seen by the whole world

ACCOMPANYING PROGRAMME

MONDAY, May 15

**11:00 FESTIVE OPENING OF 61ST INTERNATIONAL FAIR OF
TECHNIQUE AND TECHNICAL ACHIEVEMENTS**
Hall 1

**10:00 - 14:00 ASSOCIATION OF GRADUATE MECHANICAL AND
ELECTRICAL ENGINEERS, BELGRADE**
SERBIAN ENGINEERS DAY
Festive Conference Hall at the Head Office

10:30 - 12:30 DOS – SERBIAN LIGHTING SOCIETY
The Lighting Technique Day
Hall 2C, Conference Hall

**13:00 - 16:00 CHAMBER OF COMMERCE AND INDUSTRY OF
REPUBLIC OF SRPSKA**
Presentation of a Member of Chamber of Commerce and Industry
of Republic of Srpska – NOVI JELŠINGRAD Ltd. BANJA LUKA
Hall 2C, Conference Hall

16:30 - 18:00 3D REPUBLIKA, BELGRADE
DEMONSTRATION OF 3D SCANNER USE ARTEC AND RANGE
VISION IN ADDITIVE MANUFACTURING
Hall 2C, Conference Hall

TUESDAY, May 16

9:00 - 11:30 RUSSIAN RAILWAYS
State-of-the-art of Railway Technologies
Festive Conference Hall at the Head Office

10:00 - 13:00 3D REPUBLIKA, BELGRADE
DEMONSTRATION OF 3D MODEL PROCESSING AND
PREPARATION FOR THE ADDITIVE MANUFACTURING
Hall 2C, Conference Hall

**12:00 - 14:00 SLOVENIAN BUSINESS CLUB AND THE EMBASSY
OF THE REPUBLIC OF SLOVENIA IN SERBIA**
Panel: POWER OF NEW INVESTMENTS IN THE INDUSTRY
Festive Conference Hall at the Head Office

**14:00 - 16:00 FACULTY OF MECHANICAL ENGINEERING,
UNIVERSITY OF BELGRADE**
STRATEGIES OF PUBLIC BUILDINGS RENEWAL FOR THE INCREASE
OF ENERGY EFFICIENCY – EmBuild Project
- Strategic Framework of the Public Buildings Renewal -
Professor Dr. Milica Jovanović Popović
- Methodology of the Public Buildings Renewal (two approaches) -
Docent Dr. Dušan Ignjatović
- Energy Renewal of the Public Buildings - Professor Dr. Branislav
Živković
- Data Base Creation on the Energy Performances of the Public
Buildings - Docent Dr. Željko Đurišić
Hall 2C, Conference Hall

WEDNESDAY, May 17

10:00 - 12:00 SOLFINS 3D COMPANY LTD., BELGRADE
- Production by 3D Metal Printing Technology Engineer
Experiences of 3D Metal Printing in Practice
- What does the 3D metal printing provide already at present?
- Shorter development, less prototypes, more complex geometry,
mass reduction ...
- Anything impossible in the traditional production method of
metal parts, components and tools
Lecturers: Srđan Živkov, Solfins and Sandro Festa, 3DZ Group
Festive Conference Hall at the Head Office

**11:30 - 13:30 CENTRAL EUROPEAN DEVELOPMENT FORUM
AND BELGRADE FAIR – INTERNATIONAL TECHNICAL FAIR**
Conference CLIMATIC AND ENERGY DIPLOMACY OF THE
21ST CENTURY
Hall 2C, Conference Hall

12:00 - 15:00 MIBAX COMMERCE, BELGRADE
SKF Technique Day
Festive Conference Hall at the Head Office

14:00 - 18:00 3D REPUBLIKA, BELGRADE
DEMONSTRATION OF ADDITIVE MANUFACTURING AND ITS
COMPONENT
Hall 2C, Conference Hall

THURSDAY, May 18

**10:00 - 18:00 WORKING TOGETHER TOWARDS INDUSTRY 4.0
ISCP 2017 – ANNUAL RESEARCH TO BUSINESS CONFERENCE ON
ITALIAN – SERBIAN COLLABORATION PLATFORM IN ADVANCED
MANUFACTURING**

Organizers:
BELGRADE FAIR- International Fair of Technique and Technical
Achievements
AESS - Academy of Engineering Science of Serbia
AidAM - Italian Association of Automation and Mechatronics
AIS3 - Association of Italian and Serbian Scientists and Scholars
CCIS - Chamber of Commerce and Industry of Serbia
BCC - Belgrade Chamber of Commerce
CONFINDUSTRIA Serbia – Association of Italian Industry in Serbia
UCIMU – Association of Italian Machine Tool and Robot
Manufacturers
ICE Serbia - Italian Trade Agency in Serbia
FACULTY OF MECHANICAL ENGINEERING at the University of
Belgrade
MIHAJLO PUPIN INSTITUTE, Belgrade

9:30 REGISTRATION

10:00 Welcome: Danka SELIĆ, CEO, Belgrade Fair, Serbia
Opening addressing: Michele MEROLA, President of the ISCP
Alliance for Industrial Technology Innovation, Italian Association of
Automation and Mechatronics, AidAM, Italy

Branko KOVAČEVIĆ - President of the Academy of Engineering Sciences of Serbia
Ivanka POPOVIĆ - Vice-Rector of the University of Belgrade and President of AIS3 Association, Serbia
Giuseppe MANZO - Ambassador of Republic of Italy in Serbia
Vladimir POPOVIĆ - Secretary of State, Ministry of Education, Science and Technological Development of the Republic of Serbia

10:15 INDUSTRY 4.0 – PROSPERITY THROUGH TECHNOLOGY AND INNOVATION

Serbia on the crossroad – Regional Technology Leader or Permanent Stagnation?

Moderator: Sanja VRANEŠ, Director of the Mihajlo Pupin Institute, Belgrade

Introduction: Leopoldo ANGRISANI, Director of CeSMA - Advanced Metrological Services Centre, Italy

Panelists: Maria Chiara CARROZZA, Member of the Italian Parliament, President of the International Cooperation Board
Mihailo VESOVIĆ, Director of Chamber of Commerce and Industry of Serbia

Michele VISCARDI, President of the Italian Association of Automation and Mechatronics – AidAM

Željko SERTIĆ, Director of Development Agency of Serbia

Giovanni MAFODDA, Director of ICE Serbia

Open discussion with the audience

12:30 Break for lunch

13:30 Industry Session: FACTORIES OF THE FUTURE AND MASS DIGITIZATION OF MANUFACTURING - We need to be better organized, build partnerships and accelerate the activities

Introduction: Fabbrica Intelligente Club in Serbia, Tullio TOLIO, Director of the Institute of Industrial Technologies and Automation (ITIA-CNR), Professor at Polytechnic University of Milan (POLIMI), President CTS of the Cluster Intelligent Factories, Italy;

Moderator: Irena BRAJOVIĆ, Director of CONFINDUSTRIA Serbia

Panelists: Representatives of three Italian and three Serbian Companies

15:00 Research to Business Session:
ENGINEERING EDUCATION FOR INDUSTRY 4.0 - Challenges and opportunities

Invitation lectures:

INDUSTRIAL ROBOTICS IN EUROPE

Status Quo, Ongoing Challenges and Future Prospects

Bruno SICILIANO, Member of the Board of Directors of euRobotics AISBL

ROBOT-ROBOT OR ROBOT-HUMAN INTERACTION
IN NEXT GENERATION MANUFACTURING

Aleksandar RODIĆ, Head of Robotics Laboratory, Institute Mihajlo Pupin, Belgrade

TRANSLATING BIOENGINEERING RESEARCH INTO INDUSTRY 4.0 APPLICATIONS

The Case Study of Multisensory Telepresence

Calogero ODDO, Head of the Human Machine Nexus Laboratory, Neuro-Robotics Area

COMAU ANSWERS TO CURRENT ROBOTICS MACROTRENDS
Vincenzo MARINO, Head of General Industry Business Platform and Global Customer Services, COMAU, Italy;

INTEGRATION OF INDUSTRY 4.0 IN ENGINEERING EDUCATION

Challenges for the human factor in next generation manufacturing
Petar B. PETROVIĆ, Professor at Faculty of Mechanical Engineering, Head of the Cyber-Manufacturing Systems Laboratory, University of Belgrade, Fellow of the Academy of Engineering Sciences of Serbia, AESS, Serbia

16:15 Closing Session – Conclusions and Future Activities

16.30 - 17:00 Cocktail and Farewell Party

Festive Conference Hall at the Head Office

10:00 - 14:00 LS MERILNA LTD. SLOVENIA

ADVANCED TECHNOLOGIES AS THE BASIS FOR OPTIMIZING ON THE PROCESSING CENTRES

Hall 2C, Conference Hall

15:00 - 18:00 ISKRA DD, SLOVENIA

ISKRA – Products and Solutions of the Future

Hall 2C, Conference Hall

FRIDAY, May 19

12:00 - 16:00 ASSOCIATION OF INVENTORS OF SERBIA

Presentation of ENTREPRENEURSHIP POTENTIALS OF MUNICIPALITIES AND INNOVATION POTENTIALS OF SERBIAN YOUTH

Presentation of THE INNOVATIVE SOLUTIONS READY FOR PRODUCTION

Presentation of the INNOVATIONS OF THE AWARDED ONES BY INTERNATIONAL AWARDS IN 2016

FESTIVE AWARDING TO THE EXHIBITORS, SCHOOLS AND STUDENTS

Hall 2C, Conference Hall

DAILY

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGICAL DEVELOPMENT OF THE REPUBLIC OF SERBIA

Ministry of Education, Science and Technological Development will organize a specific number of presentations and side events, together with the organizations exhibiting under the auspices of the Ministry, during the International Technical Fair

Hall 2B, Conference Hall