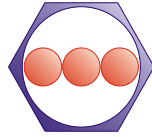




UNIVERSITY OF NOVI SAD  
FACULTY OF TECHNICAL SCIENCES  
DEPARTMENT OF INDUSTRIAL  
ENGINEERING AND MANAGEMENT  
21000 Novi Sad, Republic of Serbia  
Trg Dositeja Obradovica 6



organizes

## 17<sup>th</sup> International Scientific Conference on INDUSTRIAL SYSTEMS

# IS '17

October 4-6, 2017

### CONFERENCE GOALS

The Department of **Industrial Engineering and Management** at the Faculty of Technical Sciences in Novi Sad organizes a Scientific Conference on **Industrial Systems engineering and management** field of science and practice, once in three years, with the following goals:

- **to bring together** prominent researchers and practitioners from faculties, scientific institutes and different enterprises or other organizations,
- **to enable** presentation of new knowledge and exchange of practical experience in industrial systems engineering and management, and
- **to propose** theoretically developed and practically tested solutions for manufacturing and business improvements achieved in the period between two conferences.

### CONFERENCE TOPICS

The major subject of **INDUSTRIAL SYSTEMS - IS '17** international scientific conference will be:

## NEXT GENERATION INDUSTRIAL SYSTEMS

During the conference session, the major subject will be presented through the following specialist areas:

### 1. PRODUCTION SYSTEMS

- Effective Production Systems,
- Industrial Products Design,
- Manufacturing Processes Design,
- Production and Service Processes Design,
- Production Control and Management,
- Industrial Systems Organization Technology,
- Technological Structures Design,
- Production Structures Design,
- Industrial Production Systems Revival and
- Simulation and Modeling of Production Systems.

### 2. MECHATRONICS, ROBOTICS AND AUTOMATION

- Working Processes Automation,
- Industrial Robotics,
- Non-Industrial Robotics and Automation,
- Medical Robotics,
- Development and Application of Mechatronic Systems,
- Intelligent Systems,
- Material Handling Automation,
- Automatic Identification Systems,
- Industrial Network Protocols and
- Computer - Integrated Production Systems.

### 3. INFORMATION MANAGEMENT AND COMMUNICATION SYSTEMS

- Information Systems Engineering and Reengineering,
- Analysis and Design of Information Systems,
- Database Systems and Software Engineering,
- XaaS (everything as a service),
- Information System Integration,
- Video and Modern Communication Systems,
- Computer Integrated Systems and Open Architectures,
- Information Systems Security,
- CAE/CAD/CAM Systems in Industrial Engineering,
- Software quality assurance and control,
- Empirical research in software engineering,
- E-Government Systems,
- Enterprise Architecture,
- Business Information Systems,
- ERP and CAPM Systems and Their Applications,
- Information Management and Enterprise Content Management,
- Business Process Integration and Management,
- Artificial Intelligence and Decision Support Systems and
- Data Mining and Machine Learning.

### 4. QUALITY, EFFECTIVENESS AND LOGISTICS

- Quality Management Systems (ISO 9001, ISO 9004 ...),
- Environmental Management Systems (ISO 14001, EMAS ...),
- Reliability and Effectiveness of Technical Systems,
- Occupational Health and Safety Management System (OHSAS 18001, OHSAS 18002 ...),
- Maintenance,
- Lean Maintenance,
- Engineering Problem Solving,
- Technical Diagnostics,
- Logistic,
- Green & Reverse Logistics,
- E Logistics,
- Operations Management,
- Lean Logistics,
- Six Sigma and Lean Six Sigma,
- Supply Chain Management,
- Customer Relationship Management,
- Food Safety Management Systems (HACCP, ISO 22000, GlobalGAP ...),
- Information Security Management Systems (ISO 27001, ISO 27002, IASME, ...),
- Risk Management (ISO 31000, ISO/TR 31004 ...),
- Energy Management Systems (ISO 50001, ...),
- Laboratory Accreditation (ISO 17020, ISO 17025, ...) and
- Integrated Management Systems.

### 5. ENGINEERING MANAGEMENT

- Management of Manufacturing and Service Processes,
- Product Lifecycle Management – PLM,
- Sustainable Development,
- Technological Forecasting,
- Corporative Strategies,
- Marketing & Corporate Communication,
- Industrial Entrepreneurship,
- Technological Management,
- Investment Management,
- Project Management,
- Human Resources Management,
- Energy Management,
- Corporate Restructuring,
- Business Processes Automation,
- Distance Learning and Virtual Teams,
- Insurance Engineering and Management and
- Media Engineering and Management.

### 6. BELT & ROAD INITIATIVE (BRI)

- Danube region and the Silk Road,
- Social Media and E-commerce Connecting BRI,
- Global Project Management Under BRI and
- Modern Education Technologies in BRI Development.

Properly **applied**, **timely submitted** and **accepted** papers will be placed into correspondent sections organized for efficient Conference session, according to their subject area orientation. Accepted papers will be **presented** at the Conference and afterwards published in the Conference Proceedings, as well.

A number of famous researchers and practitioners from specified areas of science and practice will participate the Conference with special **called papers**. Besides the presentation of papers in different sections, **workshops** will be organized with the participation of eminent experts from the world of science, practice and public life.

## INTERNATIONAL PROGRAM COMMITTEE

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University of Novi Sad, Serbia

### General Chair

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**Miladin Stefanović**, University of Kragujevac, Serbia,  
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**Zdravko Tešić**, University of Novi Sad, Serbia and  
**Maja Vukadinović**, University of Novi Sad, Serbia.

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**Teodora Lolić**, University of Novi Sad, Serbia and  
**Dajana Narandžić**, University of Novi Sad, Serbia.

### Secretary General:

**Miroslav Stefanović**, University of Novi Sad, Serbia

## CONTACT

All information about the Conference program and participation are available by:  
Industrial Systems – IS'17  
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Faculty of Technical Sciences, University of Novi Sad  
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21000 Novi Sad, Republic of Serbia

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web: <http://www.iim.ftn.uns.ac.rs/is17>

e-mail: [IS\\_Conference@uns.ac.rs](mailto:IS_Conference@uns.ac.rs); or  
[mstef@uns.ac.rs](mailto:mstef@uns.ac.rs)

## OTHER IMPORTANT INFORMATION

### a) PARTICIPANTS REGISTRATION GUIDELINES

#### • applying of papers

Prospective conference participants presenting a paper (contribution) can submit their papers through electronic submission system:

<https://easychair.org/conferences/?conf=is17>

Papers sent by e-mail are not acceptable

#### • participation applying

All conference participants presenting a paper (contribution) and who are not presenting a paper (listeners and/or observers) can apply by sending e-mail with following data: name, titles, professional status and affiliation, contact address, phone and e-mail address.

### b) CONFERENCE FEE

Conference fee for the participants **presenting a paper** is fixed at the price range from **EUR 100** or **RSD 12.000,00**, (registration before August 22<sup>nd</sup>) to **EUR 150** or **RSD 18 000**, (registration after August 22<sup>nd</sup>). Conference fee for the students or accompanied person is **EUR 50** or **RSD 6.000,00**. **Note: All prices are without tax and money transfer costs.**

## VENUE

The Conference will be held in **Novi Sad, Fruška Gora – Andrevlje, hotel CePTOR**, over a period of 3 (three) days – **October 4 - 6, 2017**.

## IMPORTANT DATES

<b>May 19<sup>th</sup> 2017</b>	Abstract Submission
<b>June 2<sup>nd</sup> 2017</b>	Notification of Abstract Acceptance
<b>July 7<sup>th</sup> 2017</b>	Submission of the First Version of Paper
<b>Aug 25<sup>th</sup> 2017</b>	Reviewer's Report and Notification of Paper Acceptance
<b>Sept 8<sup>th</sup> 2017</b>	Submission of Final Versions of the Accepted Papers

To facilitate the reviewing process, authors are cordially invited to submit their abstracts prior to **May 19<sup>th</sup>** and papers prior to **Sept 8<sup>th</sup>**.

## PAPER SUBMISSION

The official language of the conference is English. Authors are kindly asked to submit their papers through an electronic paper submission system

<https://easychair.org/conferences/?conf=is17>

Papers sent by email will not be considered.

## PROCEEDINGS

All presented papers will be published on paper and CD-ROM Proceedings and selected papers will be published in **International Journal of Industrial Engineering and Management IJEM**.