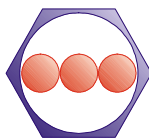




UNIVERSITY OF NOVI SAD  
FACULTY OF TECHNICAL SCIENCES  
DEPARTMENT OF INDUSTRIAL  
ENGINEERING AND MANAGEMENT  
21000 Novi Sad, Republic of Serbia  
Trg Dositeja Obradovica, 6



organizes

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

# IS '14

October 15-17, 2014

### 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 '14** international scientific conference will be:

## TOWARDS NEW INDUSTRIALIZATION

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

### 1. PRODUCTION SYSTEMS

- development of effective production systems,
- development and design of industrial products,
- manufacturing processes design,
- production and service processes design,
- production control and management,
- technology transfer management,
- industrial systems organization technology,
- technological structures design – principles and methods,
- principles and methods in production structures design,
- industrial production systems revival, and
- simulation and reconfiguration of production systems.

### 2. MECHATRONICS, ROBOTICS AND AUTOMATION

- working processes automation,
- robotics,
- development and application of mechatronic systems,
- intelligent systems,
- material handling automation,
- automatic identification systems,
- industrial network protocols,
- non-industry robotics and automation,
- 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,
- Information Systems for PLM,
- 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,
- Data Mining and Machine Learning,
- Distance Learning and Virtual Teams.

### 4. QUALITY, EFFECTIVENESS AND LOGISTICS

- quality management systems – ISO 9001,
- management systems in environmental protection – ISO 14001,
- reliability and effectiveness of technical systems,

- technical systems maintenance,
- lean maintenance,
- technical diagnostics,
- logistic support in manufacturing,
- operations management,
- lean logistics,
- six sigma and lean six sigma,
- HACCP systems – ISO 22000,
- employees' occupational health and safety – OHSAS 18001,
- information security management systems – ISO 27001,
- risk management – ISO 31000,
- Supply Chain Management,
- Customer Relationship Management.

### 5. ENGINEERING MANAGEMENT

- management of manufacturing and service processes,
- Product Lifecycle Management – PLM,
- Product Lifecycle Management and Sustainable Development,
- technological forecasting,
- corporative strategies,
- marketing,
- entrepreneurship,
- technological management,
- enterprise development,
- financial management,
- investment management,
- project management,
- human resources management,
- energy management,
- international business law,
- business processes automation,
- insurance engineering and management, and
- media engineering and management.

### 6. DISASTER RISK MANAGEMENT

- hazard, vulnerability and risk assessment
- prevention and mitigation measures
- satellite and information technologies for disaster risk management
- disaster risk management information systems
- media and disaster risk management
- disaster risk management education

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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### Secretary General:

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## CONTACT

All information about the Conference program and participation are available by

Industrial Systems – IS'14  
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web: <http://www.iim.ftn.uns.ac.rs/conferences/is14/>

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[rakoviem@uns.ac.rs](mailto:rakoviem@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://www.easychair.org/conferences/?conf=is14>)

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 **27 000**, (registration after August 22<sup>nd</sup>). Conference fee for the students or accompanied person is EUR **50** or RSD **6.000,00**.

## VENUE

The Conference will be held in **Novi Sad, Fruška Gora – Andrevlje, hotel CePTOR**, over a period of **3 (three) days – October 15 - 17, 2014**.

## IMPORTANT DATES

<b>May 16<sup>th</sup> 2014</b>	Abstract Submission
<b>May 30<sup>th</sup> 2014</b>	Notification of Abstract Acceptance
<b>July 4<sup>th</sup> 2014</b>	Submission of the First Version of Paper
<b>Aug 22<sup>nd</sup> 2014</b>	Reviewer's Report and Notification of Paper Acceptance
<b>Sept 5<sup>th</sup> 2014</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 16<sup>th</sup>** and papers prior to **Sept 5<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://www.easychair.org/conferences/?conf=is14>)

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** or **ComSIS**.