

USA – EU – Far East – Serbia
Manufacturing Summit
**4th Conference on the Industry 4.0 Model for
Advanced Manufacturing
INDUSTRY 4.0 and Internet of Things
for Manufacturing**

3rd – 6th June, 2019, Belgrade, SERBIA

www.mefics.org



Republic of Serbia - Ministry of Education, Science and
Technological Development

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Motto: Think and learn globally, act locally !





University of Belgrade
Faculty of Mechanical
Engineering



Chamber of Commerce and Industry
of Serbia, Belgrade

The 4th International Conference on the Industry 4.0 model for Advanced Manufacturing – AMP I4.0 2019

Detailed Program

www.mefics.org

June 3rd – 6th 2019
Belgrade, SERBIA

Main sponsor:



AbelaPharm



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The 4th International Conference on the Industry 4.0 model for Advanced Manufacturing – AMP I4.0 2019

Detailed Program

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June 3rd – 6th 2019
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Preface from the Conference Presidents

After the great successes of the Third “USA-EU-Japan-Serbia Manufacturing Summit”, held in Belgrade, Serbia, on May 5th – June 7th, 2017, and the “Industry 4.0 Conference – I4.0 model for SMEs”, held in Belgrade, Serbia, it is our great pleasure to invite you to attend the:

2019 CONFERENCE on the INDUSTRY 4.0 MODEL for ADVANCED MANUFACTURING – AMP I4.0 2019 in Belgrade, Serbia, June 3rd – 6th, 2019.

The main objective of this conference will be to bring together leading world experts to discuss the challenges and opportunities of the new Industry 4.0 model of manufacturing for SMEs. We are hoping that such an event will assist in the development and growth of the new and innovative manufacturing industries in Serbia, producing smart products with intelligent characteristics, while relying on modern, new manufacturing processes and systems.

Conference Organisation:

Conference will be hosted by the Faculty of Mechanical Engineering of the University of Belgrade. Belgrade is the capital of Serbia, located at the scenic confluence of two major European rivers, with a uniquely remarkable and turbulent history, and a vibrant cultural and entertainment scene. University of Belgrade has a long tradition of academic excellence, where great minds from Nikola Tesla to Milutin Milanković held lectures or were faculty. Its engineering still remains exceptionally respected in Europe, with its alumni scattered in top universities around the globe. Faculty of Mechanical Engineering in Belgrade is the largest such school in South-Eastern Europe and one of the largest in Europe. Exciting lab tours and ample networking opportunities with faculty and students from this school will be organized for conference attendees.

Working part of the conference will consist of 3 days. During the first day, the Conference will consist of a series of presentations, lectures and panels on various aspects of manufacturing research and practices, offered by top international experts from industry and academy. During the second day of the Conference, conference participants and guests will have an opportunity to visit Fiat Chrysler Automobiles in Kragujevac. During the third day, the working group will focus on producing a manufacturing roadmap document that will be presented to the Government of the Republic of Serbia. The idea is that this roadmap document will be revisited and updated regularly after conferences of similar scale will be held in Belgrade every year.

Panelists: Invited experts and representatives from USA, EU, Far East and Serbia.

Common themes / main topics:

- Industry 4.0 model framework
- Design of smart and Intelligent products
- Innovative design and development of intelligent products
- Internet of Things for Manufacturing
- Big data challenges, data integrity, accuracy and authenticity
- Cloud Computing, cloud-based products, Cloud Manufacturing
- Cyber-Physical Manufacturing
- Manufacturing automation in the Industry 4.0 model
- Manufacturing systems and enterprise models for Industry 4.0
- Advanced Manufacturing

- Engineering education for Industry 4.0
- What we can do ?
- Roadmap for AM based on I4.0 model in Serbia.

Agenda of the AMP Conference:

Day 1: Lecturing and learning from the best in the world – USA, EU and Japan.

Day 2: Sessions on case studies.

Day 3: Closing Panel for final messages of AMP Conference 2019.

The greatest value of this Conference refers to the **authors/participants from three continents**. Their high competence and high-quality floor of presentations have given the crucial contribution to the Conference.

Special gratitude goes to the **Honorary Presidents of the Conference, the members of International Program Committee and the Presidents of the Sessions/Panels**, for their personal contribution to the success of the Conference.

A large number of organizations, institutions and individuals contributed to the preparation of the Conference, for which we are especially grateful, so they deserve special acknowledgement: Belgrade Chamber of Commerce, Microelectronica S.A., Bucharest, Romania, CCI France Serbia, GIZ – Belgrade.

A special acknowledgment is extended to the **main patron – Government of the Republic of Serbia, Ministry of Economy, Ministry of Education, Science and Technological Development, Belgrade, Serbia and main sponsor – AbelaPharm, Belgrade**, which, by their contribution, enables a high level of arrangement and organisation of this Conference.

Welcome to the Conference of INDUSTRY 4.0 MODEL for ADVANCED MANUFACTURING – AMP I4.0 2019 in Belgrade, Serbia, June 3rd – 6th, 2019

Belgrade, April 15th 2019.

Prof. Dr. Jun Ni

Prof. Dr. Dragan Đurđanović

Prof. Dr. Vidosav D. Majstorović

Prof. Dr. Radivoje Mitrović

Mihailo Vesović

Vida Džagić

Prof. Dr. Dragan Đuričin

Acknowledgment

The University of Belgrade, Faculty of Mechanical Engineering, wishes to thank all authors, participants, institutions, associations, organizations and companies for their kind contributions and support in organizing **the Third International Conference “Advanced Manufacturing as the Foundation for a Successful Society – Challenges and Opportunities for Advanced-industrialization of Serbia / INDUSTRY 4.0 – INTERNET OF THINGS FOR MANUFACTURING”**. This Conference will be held between June 3rd – 6th, 2019 in Belgrade, Serbia.

Main Patron:

Government of the Republic of Serbia, Ministry of Economy, Ministry of Education, Science and Technological Development, Belgrade, Serbia.

Main co-organizers:

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Company Sloboda, Čačak

Gemont, Belgrade

SPP, Čačak

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Urban Technics, Valjevo

FAB, Valjevo

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Conference Organisation 2019:

Conference chair: *Prof. Dr. Laszlo Monostori*, SZTAKI, TU Budapest, Budapest, Hungary.

Conference co-chairs:

1. **Prof. Dr. Dragan Đurđanović**, Department of Mechanical Engineering, University of Texas, Austin, TX, USA.
2. **Prof. Dr. Vidosav Majstorović**, Belgrade University, Faculty of Mechanical Engineering, Belgrade, Serbia;
3. **Prof. Dr. S. Jack Hu**, The University of Michigan, Ann Arbor, Michigan, USA. – for North America region;
4. **Prof. Dr. Jozsef Vancza**, (Chair of the CIRP STC-O), SZTAKI, TU Budapest, Budapest, Hungary – for EU region;
5. **Prof. Dr. Yashiro Takaya**, Osaka University, Osaka, Japan - for Far East region.

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Organized by:

University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia

AMP 2019 CONFERENCE INFORMATION

DATE: June 3rd – 6th, 2019.

VENUE: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade / Hall 211 (second floor), Hall CeNT (first floor), Cocktails / Refreshments: Club CeNT (first floor), Registration desk Club CeNT (first floor).

OFFICIAL LANGUAGE

The official language of the Conference is English.

WEB-SITE & E – MAIL

For further information please visit web-site: www.mefics.org

E - mail: vidosav.majstorovic@sbb.rs

IMPORTANT DATES

Early Registration:	Before May 15 th , 2019.
Late Registration:	After May 15 th , 2019.
Welcome Reception:	June 3 rd , 2019.
Welcome Cocktail:	June 4 th , 2019.
Opening Session:	June 4 th , 2019.
Conference Dinner (informal):	June 5 th , 2019.
Closing Plenary Session:	June 6 th , 2019.
Farewell Cocktail:	June 6 th , 2019.

CONFERENCE REGISTRATION

You can register for the participation at the Conference on the following link:

www.mefics.org

Conferences AMP/IMEKO Plan

Date: June 3rd / Monday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade
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Registration desk: 17:00 – 18:30 Registration (CeNT – first floor)

19:30 AMP/IMEKO/ICQ Serbia 2019 / Conferences Welcome Reception at the Belgrade City Hall (informal dress code)

Belgrade City Hall address: Dragoslava Jovanovića 2, Belgrade

Conferences Plan

Date: June 4 th / Tuesday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 16:30 Registration (CeNT – first floor)

Time	Event
09:00 - 10:00	<p><i>Session 1: The Opening Ceremony and Plenary Presentation – AMP/IMEKO/ICQ</i></p> <p>Opening addresses</p> <p><u>Opening Plenary Presentation:</u></p> <p>CYBER-PHYSICAL MANUFACTURING AND INDUSTRY 4.0, Prof. Dr. Laszlo MONOSTORI, SZTAKI, Budapest, Hungary.</p> <p>Hall 211 (Second floor)</p>
10:00 - 10:30	<p>Welcome Cocktail - Club 210 (Second floor)</p>
10:30 - 12:30	<p><i>Session 2 AMP/IMEKO/ICQ: Opening Plenary Session/Panel 1</i></p> <p><u>Plenary Presentations:</u></p> <p>INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 1</p> <p>Hall 211 (Second floor)</p>
12:30 - 14:00	<p>Lunch break</p>
14:00 - 16:00	<p><i>Session 3 AMP/ICQ: Plenary Session/Panel 2</i></p> <p><u>Plenary Presentations:</u></p> <p>INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 2</p> <p>Hall 211 (Second floor)</p>
16:00 - 16.30	<p>Coffee Break (CeNT – first floor)</p>
16:30 - 18:30	<p><i>Session 4 AMP/ICQ: Plenary Session/Panel 3</i></p> <p><u>Plenary Presentations:</u></p> <p>INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 3</p> <p>Hall 211 (Second floor)</p>

Conference Plan

Date: June 5 th / Wednesday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade
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Time	Event
08:00 – 16:30	Registration desk: 08:00 – 16:30 Registration (CeNT – first floor)
09:00 – 10:30	<i>Session 5 AMP/ICQ: Plenary Session/Panel 4</i> <u>Plenary Presentations:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 4 Hall 211 (Second floor)
10:30 – 11:00	Coffee Break (CeNT – first floor)
11:00 – 12:30	<i>Session 6 AMP/ICQ: Plenary Session/Panel 5</i> <u>RTD:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 5 Hall 211 (Second floor)
20:00	<i>AMP/IMEKO/ICQ Serbia 2018</i> / Conferences Dinner (informal dress code)

Conference Plan

Date: June 6 th / Thursday	Venue: <i>Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade</i>
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Registration desk: **08:00 – 11:30** Registration (CeNT – first floor)

Time	Event
09:00 - 10:30	<i>Session 6 AMP/ICQ: Plenary Session/Panel 5</i> <u>RTD:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 6 Hall 211 (Second floor)
10:30 - 11:00	Coffee Break (CeNT – first floor)
11:00 - 13:00	<i>Session 7 AMP/ICQ: Plenary Session/Panel 6</i> <u>Plenary Presentations:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 7 Hall 211 (Second floor)
13:00 - 14:00	Farewell cocktail at CeNT – first floor

Conference Program

Date: June 3rd / Monday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade
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Registration desk: 17:00 – 18:30 Registration (CeNT – first floor)

19:30 AMP/IMEKO/ICQ Serbia 2019 / **Conference Welcome Reception at the Belgrade City Hall (informal dress code)**

Belgrade City Hall address: Dragoslava Jovanovića 2, Belgrade

Conference Program

Date: June 4 th / Tuesday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade.
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Registration desk: 08:00 – 16:30 Registration (CeNT – first floor).

Time	Event
09:00-10:00	<p>Hall 211 (Second floor)</p> <p><i>Session 1: The Opening Ceremony and Plenary Presentation of AMP/IMEKO/ICQ Conference/Session Speaker – Mrs. Gordana Stijačić, TV Journalist RTS</i></p> <p><u>Opening addresses:</u></p> <ul style="list-style-type: none"> • University of Belgrade, Faculty of Mechanical Engineering, Prof. Dr. R. Mitrović, Dean • Main Sponsor-Abela Pharm, Dr sci. spec. farm. D.J. Korčok, General Manager • Government of Serbia, (tbd) - Opening Conference <p><u>Opening Plenary Presentations:</u></p> <p style="text-align: center;">CYBER-PHYSICAL MANUFACTURING AND INDUSTRY 4.0, Prof. Dr. Laszlo MONOSTORI, SZTAKI, Budapest, Hungary.</p>
10:00-10:30	<p>Welcome Cocktail – Club 210 (Second floor)</p>
10:30-12:30	<p>Hall 211 (Second floor)</p> <p><i>Session 2: Opening Plenary Session AMP/IMEKO/ICQ Panel 1</i></p> <p><u>Plenary Presentations:</u></p> <p style="text-align: center;">INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 1</p> <p><u>Session Chairmen:</u></p> <p>Prof. Dr. S. Jack Hu, The University of Michigan, Ann Arbor, Michigan, USA. Prof. Dr. Tullio A. M. Tolio, Politecnico di Milano, Department of Mechanical Engineering, Milan, Italy. Prof. Dr. Yasuhiro Takaya, University of Osaka, Mechanical Engineering Faculty, Osaka, Japan. Dr. Ömer Sahin Ganiyusufoglu, Shenyang Machine Tool (Group) Co., Ltd., China.</p> <p><u>Keynote Speakers:</u></p> <ol style="list-style-type: none"> 1. INDUSTRIAL INTERNET OF THINGS AND SMART AND PERSONALIZED MANUFACTURING, Prof. Dr. S. Jack Hu, The University of Michigan, Ann Arbor, Michigan, USA. 2. THE PARADIGM OF PIT-STOP MANUFACTURING, Prof. Dr. Tullio A. M. Tolio, Maria Chiara Magnanini, Politecnico di Milano, Department of Mechanical Engineering, Milan, Italy. 3. ADVANCED MANUFACTURING METROLOGY IN CONTEXT OF INDUSTRY 4.0 MODEL, Prof. Dr. Yasuhiro Takaya, University of Osaka, Mechanical Engineering Faculty, Osaka, Japan, Prof. Dr. Vidosav D. Majstorovic, University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia Prof. Dr. Numan Durakbasa, TU Viena, Viena, Austria, Prof. Dr. Slavenko Stojadinovic, University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia. 4. A CRITICAL EVALUATION OF CURRENT MACHINE TOOL DESIGNS IN THE DIGITALIZED GLOBAL PRODUCTION NETWORKS, Dr. Ömer Sahin Ganiyusufoglu, Shenyang Machine Tool

	(Group) Co., Ltd., China.
13:00-14:00	Lunch break
14:00-16:00	<p style="text-align: center;">Hall 211 (Second floor) Session 3 AMP/ICQ: Plenary Session/Panel 2 <u>Plenary Presentations:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 2</p> <p><u>Session Chairmen:</u> Prof. Dr. Dimitris Kiritsis, EPEL, Lausanne, Swiss. Prof. Dr. Emanuele Carpanzano, Department of Innovative Technologies, University of Applied Sciences and Arts of Southern Switzerland, Manno, Swiss. Prof. Dr. S.V. Sreenivasan, NASCENT Center, The University of Texas at Austin, Austin, USA. Prof. Dr. Giovanni Moroni, Politecnico di Milano, Department of Mechanical Engineering, Milan, Italy. Prof. Luigi M. Galantucci, Politecnico di Bari, Dipartimento di Meccanica, Matematica e Management, 70126, Bari, Italy.</p> <p><u>Keynote Speakers:</u></p> <ol style="list-style-type: none"> 1. ZERO DEFECT MANUFACTURING STRATEGIES AND PLATFORM FOR SMART FACTORIES OF INDUSTRY 4.0, Gökan May, Prof. Dr. Dimitris Kiritsis, EPEL, Lausanne, Swiss. 2. URBAN MANUFACTURING OF SUSTAINABLE CUSTOMER-ORIENTED PRODUCTS, Andrea Barni, Prof. Dr. Emanuele Carpanzano, Giuseppe Landolfi, Paolo Pedrazzoli, Department of Innovative Technologies, University of Applied Sciences and Arts of Southern Switzerland, Manno, Swiss. 3. NANO-PRECISION SYSTEMS FOR OVERLAY IN ADVANCED LITHOGRAPHY PROCESSES, P. Ajay, Prof. Dr. S.V. Sreenivasan, NASCENT Center, The University of Texas at Austin, Austin, TX 78758, USA. 4. INTEROPERABILITY IN COORDINATE METROLOGY, Chiara Galbiati, Silvia Gava, Giovanni Moroni, and Stefano Petrò, Politecnico di Milano, Department of Mechanical Engineering, Via Giuseppe la Masa 1, 20156, Milan, Italy. 5. ADDITIVE MANUFACTURING: NEW TRENDS IN THE 4TH INDUSTRIAL REVOLUTION, Prof. Luigi M. Galantucci, Dr. Maria Grazia Guerra, Prof. Michele Dassisti, Dr. Fulvio Lavecchia, Politecnico di Bari, Dipartimento di Meccanica, Matematica e Management, 70126, Bari, Italy.
16:00-16:30	Coffee Break (CeNT – first floor)
16:30-18:30	<p style="text-align: center;">Hall 211 (Second floor) Session 4 AMP/ICQ: Plenary Session/Panel 3 <u>Plenary Presentations:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 3</p> <p><u>Session Chairmen:</u> Prof. Dr. Hideaki Hohnoki, COHO Consulting, New Technology Association of Japan, Chiba, Japan. Prof. Dr. Sorin Croitoru, IMST Faculty, Politehnica University Bucarest, Bucarest, Romania, FSA Faculty, Politehnica University Bucarest, Bucarest, Romania. Prof. Dr. Katarina Monkova, Faculty of Manufacturing Technologies with the seat in Presov, Technical University of Kosice, Kosice, Slovakia.</p>

Prof. Dr. Dragan Đuričin, Faculty of Economics, University of Belgrade, Belgrade, Serbia.

Prof. Dr. Kristina Zgodavova, Faculty of Materials, Metallurgy, and Recycling, Institute of Materials and Quality Engineering, Technical University of Košice, Slovakia.

Keynote Speakers:

1. STRATEGIC APPROACH FOR ROBOTICS DEVELOPMENT IN SME BY VALUE LINKAGE CONCEPT, Prof. Dr. Hideaki Hohnoki, COHO Consulting, New Technology Association of Japan, Chiba, Japan.

2. STATISTICAL STUDY OF PARAMETERS IN THE PROCESS OF ORTHOGONAL CUTTING SURFACE HARDNESS, Adrian Stere Paris, Constantin Tarcolea, Sorin - Mihai Croitoru, and Vidosav D. Majstorović, IMST Faculty, Politehnica University Bucharest, Bucharest, Romania, FSA Faculty, Politehnica University Bucharest, Bucharest, Romania, Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia.

3. DESIGN OF THE CODES STRUCTURE FOR INFORMATION SYSTEM WORKING ON I4.0 PRINCIPLES, Prof. Dr. Peter Monka, Prof. Dr. Katarina Monkova, Faculty of Manufacturing Technologies with the seat in Presov, Technical University of Kosice, Kosice, Slovakia.

4. ILLUMINATING AN ECONOMY OF THE FUTURE: HOW TO WIN THE TRANSITION TO INDUSTRY 4.0 WITH NEW ECONOMIC RULES, Prof. Dr. Dragan Đuričin, Ass. Prof. Dr. Iva Vuksanović Herceg, Faculty of Economics, University of Belgrade, Belgrade, Serbia.

5. LAUNCHING NEW PROJECTS IN INDUSTRY 4.0: BEST PRACTICES OF AUTOMOTIVE SUPPLIERS, Prof. Dr. Kristina Zgodavova, Prof. Dr. Andrea Sutoova, Prof. Dr. Miroslav Cicka, Faculty of Materials, Metallurgy, and Recycling, Institute of Materials and Quality Engineering, Technical University of Košice, Slovakia.

Conference Program

Date: June 5 th / Wednesday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade.
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Registration desk: **08:00 – 16:30** Registration (CeNT – first floor).

Time	Event
09:00 – 10:30	<p style="text-align: center;">Hall 211 (Second floor) Session 5 AMP/ICQ: Plenary Session/Panel 4 <u>Plenary Presentations:</u> INDUSTRY 4.0 – WORLD-WIDE APPROACHES, Part 4 Hall 211 (Second floor)</p> <p><u>Session Chairmen:</u></p> <p>Cosmin M. Jalbă, Microelectronica S.A, Voluntari 077190, ROMANIA.. Prof. Dr. Dragan Djurdjanović, The University of Texas at Austin, Austin, TX 78705, USA. Prof. Dr. Mijodrag Milošević, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia. Carsten Vollrath, Swiss IPG Partners Group AG. M. Sc. Mihalj Bakator, Technical Faculty, Zrenjanin, Serbia. Prof. Dr. Elena Martyakova, Department of Quality Management, Russian University of Transport RUT (MIIT), Moscow, Russia</p> <p><u>Keynote Speakers:</u></p> <ol style="list-style-type: none"> 1. THE USE OF NEUTRON SCATTERING IN THE ADVANCEMENT OF ADDITIVE MANUFACTURING, Ioan M. Ghițiu, Cosmin M. Jalbă, Mădălina E. Florescu, Alexandru Măgureanu, Microelectronica S.A, Voluntari 077190, ROMANIA. 2. A HIDDEN MARKOV MODEL BASED APPROACH TO MODELING AND MONITORING OF PROCESSES WITH IMPERFECT MAINTENANCE, Deyi Zhang, Prof. Dr. Dragan Djurdjanović, The University of Texas at Austin, Austin, TX 78705, USA. 3. A CLOUD-BASED PROCESS PLANNING SYSTEM IN INDUSTRY 4.0 FRAMEWORK, Mijodrag Milošević¹, Dejan Lukić¹, Stevo Borojević², Aco Antić¹, Mića Đurđević^{3,1)} University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia, ²⁾ University of Banja Luka, Faculty of Mechanical Engineering, Banja Luka, BiH, ³⁾ University of Novi Sad, Technical faculty "Mihajlo Pupin", Zrenjanin, Serbia. 4. EXPERIENCES FROM INDUSTRY 4.0 PLATFORMS IN THE GERMAN-SPEAKING AREA, Carsten Vollrath, Swiss IPG Partners Group AG. 5. COMPETITIVENESS OF DOMESTIC ENTERPRISES IN CHANGING MARKETS AND INDUSTRY 4.0, Prof. Dr. Dragan Čočkalo, Prof. Dr. Dejan Đorđević, Prof. Dr. Srđan Bogetić, M. Sc. Mihalj Bakator, Prof. Dr. Cariša Bešić, University of Novi Sad, Technical Faculty, Zrenjanin, Serbia. 6. QUALITY EDUCATION AND DIGITALIZATION OF THE ECONOMY, Prof. Dr. Elena Martyakova, Prof. Dr. Elena Gorchakova, Department of Quality Management, Russian University of Transport RUT (MIIT), Moscow, Russia, Quality Management System Department, National University of Science and Technology (MISIS), Moscow, Russia.
10:30 – 11:00	Coffee Break (CeNT – first floor)

11:00 – 12:30	<p style="text-align: center;">Hall 211 (Second floor) <i>Session 6 AMP/ICQ: Plenary Session/Panel 5</i> <u>Plenary Presentations:</u></p> <p style="text-align: center;">INDUSTRY 4.0 – INTERNET OF THINGS FOR MANUFACTURING</p> <p style="text-align: center;">- ROUND TABLE DISUCSSION -</p> <p>Panelists:</p> <p>Nebojsa BJELOTOMIĆ – Saga, Belgrade. Milan JEFTIĆ – Saga, Belgrade. Aleksi MIGITKO – Blinking, Belgrade. Prof. Dr. Vidosav MAJSTOROVIĆ – MEF, Belgrade. Dr. Vladimir KVRGIĆ – Institute PUPIN, Belgrade.</p>
20:00	<p style="text-align: center;"><i>AMP/IMEKO/ICQ Serbia 2018</i> / Conferences Dinner (informal dress code)</p>

Conference Program

Date: June 6 th / Thursday	Venue: Faculty of Mechanical Engineering, Kraljice Marije 16, Belgrade.
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Registration desk: 08:00 – 10:00 Registration (Conference center).

Time	Event
09:00-10:30	<p style="text-align: center;">Hall 211 (Second floor) Session 7 AMP/ICQ: Plenary Session/Panel 6</p> <p style="text-align: center;">INDUSTRY 4.0 – CASE STUDIES</p> <p style="text-align: center;">- ROUND TABLE DISUCSSION -</p> <p>Panelists:</p> <p>Petar MATUNOVIĆ – CTT, Belgrade. Aleksandar VIDJKOVIĆ – Siemens, Belgrade. Srdjan ŽIVKOV – Sofins, Belgrade.</p>
10:30-11:00	<p>Coffee Break (CeNT – first floor)</p>
11:00-13:00	<p style="text-align: center;">Hall 211 (Second floor) Session 7 AMP/ICQ: Plenary Session/Panel 6</p> <p style="text-align: center;"><u>Round Table Discussion:</u></p> <p style="text-align: center;">DIGITAL PLATFORM FOR INDAUSTRY 4.0</p> <p><u>Moderator:</u></p> <p>Ms. Vida Džagić, Chamber of Commerce and Industry of Serbia.</p> <p><u>Panelists:</u></p> <p>Prof. Dr. Vidosav Majstorović, University of Belgrade– Faculty of Mechanical Engineering, Serbia Prof. Dr. Radivoje Mitrović, University of Belgrade– Faculty of Mechanical Engineering, Serbia Mihailo Vesović, Chamber of Commerce and Industry of Serbia Prof. Dr. Viktor Nedović (invited), Assistant Ministar, Ministry of Education, Science and Technological Development, Belgrade, Serbia Ministry of Economy, Belgrade, Serbia (TBD) Bojan Lalić, Assistant Ministar, Ministry of Innovation and technological development, Belgrade, Serbia.</p> <p>1. MANUFUTURE VISION 2030, Dr. José Caldeira, INESC TEC, Porto, Portugal.</p> <p>2. INDUSTRY 4.0 PROGRAMS WORLDWIDE, Prof. Dr. Vidosav D. Majstorovic, Prof. Dr. Radivoje Mitrovic, Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia.</p>

13:00 -14:00	Farewell cocktail at CeNT – first floor



Welcome to Belgrade on AMP I4.0/IMEKO/ICQ Conferences 2019!