

**USA – EU – Far East - Serbia
Conference on Advanced Manufacturing
Technology Program
New - industrialization of Serbia**

**DETAILED PROGRAM AND
CONFERENCE ABSTRACTS**

**Date: 7th – 9th June, 2017,
Belgrade, SERBIA**



University of Belgrade
Faculty of Mechanical Engineering



**ПРИВРЕДНА
КОМОРА
СРБИЈЕ**

Привредна комора Београда

Chamber of Commerce and Industry of Serbia
Belgrade Chamber of Commerce and Industry

**INDUSTRY 4.0
SMART AND INTELLIGENT PRODUCTS**



Motto: Think and learn globally, act locally !



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Zusammenarbeit (GIZ) GmbH



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AMP International Conference

Advanced Manufacturing as the Foundation for a Successful Society – **Challenges and Opportunities for Advanced-industrialization of Serbia / INDUSTRY 4.0 – SMART AND INTELLIGENT PRODUCTS**

www.mefics.org

7th – 9th June 2017
Belgrade, SERBIA

Main sponsor



AbelaPharm

3rd Circular
With Detailed Program and Conference Abstracts

Preface from the Conference Presidents

Objective of the Conference: White paper on main topics !

After great success of Conference USA-EU-Japan-Serbia Manufacturing Summit, Belgrade, 31st May – 2nd June, 2016, SERBIA (AMP Conference 2016), this year – 2017, with main topic: Advanced Manufacturing Program – INDUSTRY 4.0 model for Serbia, we have new challenges for **2017 – New Conference with advanced topic – SMART AND INTELLIGENT PRODUCTS (AMP Conference 2017)**.

The main objective of this Conference will be gather relevant stakeholders to discuss about the challenges and new opportunities that are created by the AMP for Serbia based on Industry 4.0 model, who will be integration into manufacturing industries and the appropriate exploitation of these new data for the development of **new innovative manufacturing industries in Serbia, based on new generation of products – smart and intelligent characteristics**.

Conference Organisation:

Working part of the conference will consist of 3 days. During the first day, the Conference will consist of a series of invited presentations, lectures and panels on various aspects of manufacturing research and practices, offered by top international experts from industry and academe. During the second day of the Conference, a working group of conference organizers and volunteers will focus on the SWOT analysis for the development of innovative, modern manufacturing industries in Serbia (half day SWOT analysis, half day report writing). In parallel, interested conference participants and guests will have an opportunity to attend panels on latest manufacturing research, visit the Department of Mechanical Engineering of the University of Belgrade or tour the city of Belgrade. During the third day, the working group that conducted the SWOT analysis on day 2 will focus on producing a manufacturing roadmap document that will be presented to the Government of the Republic of Serbia (half day discussions, half day report writing). The idea is that this roadmap document will be revisited and updated regularly after conferences of similar scale are held in Belgrade every year.

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

Common themes / main topics:

- Smart and Intelligent products and products features, meta-products
- Innovative product development of intelligent products
- Information extraction for products features
- Big data and large-scale of data, data integrity, accuracy, and authenticity
- Data Mining, information analysis for products
- Machine learning, advanced approaches for inovative products
- PLM functionalities and components for advanced products
- Reserach and education for smart and intelligent products
- Cloud Computing, cloud-based products
- Cyber-Physical Manufacturing and smart products
- What we can do ?
- Roadmap for AM based on smart products in Serbia.

Agenda of Conference:

Day 1/2: Lecturing and learning from the best in the world. Take global lessons. Hong-Kong is an example of launching advanced manufacturing (they did a workshop like this and are now acting upon recommendations from that Conference).

Day 2: SWOT analysis in the afternoon. Report writing in the afternoon (no need for everyone to be involved - this can be done by a few people, with strong knowledge of local environment). It would be good to have at least one government official in this. Someone who buys into what we are trying to do, believes in and understands the importance of HIGH TECH ADVANCED manufacturing.

Day 3: Presenting to government officials (hopefully 90 minutes with the prime minister and high-level of government people).

The greatest value of the 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 is owed comes from 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, Belgrade, Serbia** and **main sponsor – AbelaPharm, Belgrade**, who, by its contribution, enables a high floor of arrangement and organisation of the Conference. *Our gratitude deserves the other Conference supporters, because without their help this Conference could not be successfully organised.*

Welcome to the Conference of Advanced Manufacturing (AMP), June 2017, Belgrade.

Belgrade, April 20th 2017.

Prof. Dr. Jun Ni,

Prof. Dr. Dragan Djurdjanovic

Prof. Dr. Vidosav D. Majstorovic

Prof. Dr. Radivoje Mitrovic

Milivoje Miletic

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 **International Conference "Advanced Manufacturing as the Foundation for a Successful Society – Challenges and Opportunities for Advanced-industrialization of Serbia / INDUSTRY 4.0 – SMART AND INTELLIGENT PRODUCTS"**. This Conference (AMP Conference 2016) will be held as a part of NEWTECH, Belgrade - 2017. This Conference will be held between 7th – 9th June, 2017 in Belgrade, Serbia.

Main Patron

Government of the Republic of Serbia, Ministry of Economy, Belgrade, Serbia.

Main co-organizer

Chamber of Commerce and Industry Serbia - Belgrade Chamber of Commerce, Belgrade, Serbia.

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Main Sponsor:

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Conference Supporters

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National Honorary Committee:

Prof. Dr. V. Bumbasirevic, Rector, University of Belgrade; Dr S. Mali, Mayor of Belgrade; Prof. Dr. R. Mitrovic, Dean of Faculty of Mechanical Engineering, Belgrade; M. Miletic, President of Belgrade Chamber of Commerce; Katarina Obradovic-Jovanovic, Assistant Minister, Ministry of Economy; Prof. Dr. B. Vasic, Vice-Dean for cooperation with Industry, Faculty of Mechanical Engineering; Prof. Dr. Dragana Stojiljkovic, Vice-Dean for Research, Faculty of Mechanical Engineering; Prof. Dr. N. Zrnica, Vice-Dean for International Cooperation, Faculty of Mechanical Engineering; Prof. Dr. B. Babić, Chief of Production Engineering Department, Faculty of Mechanical Engineering, Dr. Stephan Heieck, GIZ, Germany, Tanja Mišević, Office for EU integrations.

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Prof. Dr. J. Ni, University of Michigan, USA; Prof. Dr. D. Djurdjanovic, University of Texas at Austin, USA; Prof. J. Lee, U of Cincinnati, Cincinnati, USA; Prof. Dr. J. Vanca, TU Budapest, Hungary; Prof. Dr. W. Sihn, TU Vienna, Austria; Prof. H. Hohonoki, Japan; Prof. Dr. David Bourell, University of Texas at Austin, USA; Prof. Dr. J. Vansza, TU Budapest, Hungary; Prof. Dr. Y. Takaya, Osaka University, Japan; Prof. Dr. K. Ehmann, Northwestern University, Evanston, Chicago, USA; Prof. Dr. N. Durakbasa, TU Vienna, Austria; Prof. Dr. S. Coritrou, Technical University of Bucharest, Romania; Dr. M. Janakiram Intel USA, USA; B. Eyonon Samsung USA, USA; Dr. L. Jalba, Microelectronica S.A., Romania; Prof. Dr. N. Dragulanesku, University of Politehnica Bucharest, Romania; Prof. Dr. Emilia Assenova, TU Sofia, Bulgaria; Prof. Dr. D. Kramar, University of Ljubljana, Slovenia; Prof. Dr. M. Sokovic, University of Ljubljana, Slovenia; Prof. Dr. R. Mitrovic, University Belgrade, Prof. Dr. Sanja Vranes, University Belgrade; Prof. Dr. V. Majstorovic, University Belgrade, Prof. Dr. B. Vasic, University Belgrade, Prof. Dr. A. Jovovic, University Belgrade, Prof. dr Vesna Spasojević-Brkić, University Belgrade; Katarina Obradović-Jovanović, Assistant Minister, Ministry of Economy, Belgrade; Dr. S. Heieck, GIZ Belgrade; J. Kappenmann, GIZ, Belgrade; T. Knežević, GIZ, Belgrade, Prof. Dr. M. Piska, TU Brno, Czech Republic; Prof. Dr. P. Monka, TU Presov, Slovakia, Prof. Dr. D. Kochan, TU Dresden, Germany, Prof. Dr. Birgit Vogel-Heuser, Technical University of Munich, Germany, Dr Augusta Paci, CNR, Rome, Italy, Prof. Dr. G. Constatntin, TU Bucharest, Romania.

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Organized by

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

Technical organized by

United Association of Serbia for Quality (**UASQ**), Belgrade, Serbia.

CONFERENCE AMP INFORMATION

DATE: 7th – 9th June, 2017.

VENUE: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade / Hall 211 (second floor), Hall CeNT (first floor), Hall 514 (5th floor), Hall 518 (5th 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 or www.jusk.rs

E - mail: vidosav.majstorovic@sbb.rs or jusk@eunet.rs

IMPORTANT DATES

Early Registration:	Before May 15th, 2017.
Late Registration:	After May 15th, 2017.
Welcome Cocktail:	June 7 th , 2017.
Opening Session:	June 7 th , 2017.
Conference Dinner (informal):	June 7 th , 2017.
Excursion tour:	June 8 th , 2017.
Closing Plenary Session:	June 9 th , 2017.
Farewell Cocktail:	June 9 th , 2017.

CONFERENCE FEE

For all invited Conference Participants Conference Attendance is Fee of Charge. Other, please go on – www.mefics.org

CONFERENCE (Registration Office)

Prof. Dr. Vidosav D. MAJSTOROVIĆ

**Address: Faculty of Mechanical Engineering, Kraljice Marije 16
11020 Beograd, PF 35, SERBIA**

Phone: ++ 381 (0) 11 32 36 266; Fax: ++ 381 (0) 11 33 70 364

E – mails: vidosav.majstorovic@sbb.rs ; jusk@eunet.rs

Web: www.mefics.org or www.jusk.rs

International Conference AMP Serbia 2017 - CONFERENCE PLAN

Date: 7 th June, 2017 / Wednesday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 16:30 Registration (CeNT – first floor).

Time	Hall 211 (Second floor)
09:00 - 10:00	<p style="text-align: center;"><i>NEWTECH Conference and AMP Serbia 2017 / Session 1: The Opening Ceremony and Plenary Presentation</i></p> <p>Opening addresses</p> <p>Opening Plenary Presentation: ADVANCED MANUFACTURING PROGRAM CONFERENCE – Mision, Vision, Strategy, Prof. Dr. Jun Ni, University of Michigan, Ann Arborn, USA.</p>
10:00 - 10:30	Welcome Cocktails - Club CeNT (first floor)
10:30 - 13:00	<p><i>NEWTECH Conference and AMP Serbia 2017/ Session 2: Plenary Session/Panel 1 – Advanced Research in Manufacturing – World-wide Approaches, Part 1 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p style="text-align: center;">Introductions Plenary Presentations</p>
13:00 - 14:30	Break
14:30 - 16:00	<p><i>NEWTECH Conference and AMP Serbia 2017/ Session 3: Plenary Session/Panel 2 – Advanced Research in Manufacturing – World-wide Approaches, Part 2 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p style="text-align: center;">Introductions Plenary Presentations</p>
16:00 - 16:30	Coffee Break (CeNT – first floor).
16:30 - 18:00	<p><i>NEWTECH Conference and AMP Serbia 2017/ Session 4: Plenary Session/Panel 3 – Advanced Research in Manufacturing – World-wide Approaches, Part 3 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p style="text-align: center;">Introductions Plenary Presentations</p>

20:00 AMP Serbia 2017 / **Conference Reception in Mayor City Hall Belgrade (informal dressing).**

International Conference AMP Serbia 2017 - CONFERENCE PLAN

Date: 8 th June, 2017 / Thursday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 16:30 Registration / CeNT (first floor).

Time	Hall 211 (Second floor)	Hall CeNT (First floor)
09:00-10:30	<i>AMP Serbia 2017/ Session 5: Session/Panel 4 – Advanced Research in Manufacturing in Serbia - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i>	<i>AMP Serbia 2017/ Session 6: Session/Panel 5 – Advanced Manufacturing in Practice, Reseraches and Policy from Serbia - Hall CeNT (First floor) - Faculty of Mechanical Engineering, Belgrade.</i>
10:30-11:00	Coffee Break (CeNT – first floor).	
11:00-13:00	<i>AMP Serbia 2017/ Session 7: Session/Panel 6– Advanced Manufacturing Program – Open Discscusion on Conference Topics - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i>	

Date: 8 th June, 2017 / Thursday	Place: Musieum "Nikola Tesla" , Belgrade.
11.00-13:00	<i>AMP Serbia 2017/ Excursion tour – Musieum "Nikola Tesla" , Belgrade. For details please contact: jusk@eunet.rs, as soon as possible, because number of participants are limited (min 8, max 12). Detailed information on Reception Desk.</i>

20:00 AMP Serbia 2017 / Conference Dinner (informal dresing).

International Conference AMP Serbia 2017 - CONFERENCE PLAN

Date: 9 th June, 2017 / Friday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 10:00 Registration (CeNT – first floor).

Time	Hall 211 (Second floor)
10:00-12:00	Session 8 - Discussion and presentation final document – White paper: Advanced Manufacturing Research, Practices and Opportunities – INDUSTRY 4.0 – SMART AND INTELLIGENT PRODUCTS.
13:00-14:00	Farewell Cocktails in Club CeNT (first floor).

International Conference AMP Serbia 2017 - CONFERENCE PROGRAM

Date: 7 th June, 2017 / Wednesday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 16:30 Registration (CeNT – first floor).

Time	Hall 211 (Second floor)
09:00-10:00	<p style="text-align: center;"><i>NEWTECH Conference and AMP Serbia 2017 / Session 1: The Opening Ceremony and Plenary Presentation</i></p> <p style="text-align: center;">Conference/Session Speaker – Mrs Gordana Stijačić, TV Journalist NTB</p> <p>Opening addresses</p> <ul style="list-style-type: none"> • Faculty of Mechanical Engineering, Prof. Dr. R. Mitrović, Dean • University of Belgrade, Prof. Dr. V. Bumbasirević, Rector • City of Belgrade, Dr S. Mali, Mayor • Chamber of Commerce and Industry Serbia - Belgrade Chamber of Commerce, Belgrade, Serbia, M. Miletić, President • GIZ Belgrade, Dr. S. Heieck, Manager • Main Sponsor-Abela Pharm, MSc. D. J. Korčok, General Manager • Ministry of Economy, G. Knežević, Minister, Oppening Conference <p>Opening Plenary Presentation:</p> <p style="text-align: center;">ADVANCED MANUFACTURING PROGRAM BELGRADE CONFERENCE 2017 – Mision, Vision, Strategy, Prof. Dr. Jun Ni, University of Michigan, Ann Arborn, USA.</p>
10:00-11:00	Welcome Cocktails - Club 211 (second floor).
11:00-13:00	<p style="text-align: center;"><u><i>NEWTECH Conference and AMP Serbia 2017/ Session 2: Plenary Session/Panel 1 – Advanced Research in Intelligent Manufacturing – World-wide Approaches, Part 1 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></u></p> <p style="text-align: center;">Introductions Plenary Presentations</p> <p>Chairmen Session:</p> <p>Prof. Dr.-Ing. Birgit Vogel-Heuser, Technical University of Munich, Head of Chair and Director of Institute Automation and Information Systems, München, Germany.</p> <p>Prof. Dr. Jay Lee, U of Cincinnati and Shaghai Jiao Tong University, Cincinnati, USA.</p> <p>Prof. Dr. Yasuhiro Takaya, Osaka University, Japan.</p> <p>Prof. Dr. Jozsef Vanca, TU Budapest, Hungary;</p> <p>Prof. Dr. Kornel Ehmann, Northwestern University, Evanston, USA.</p> <p>Dr. Detlef Kochan, TU Dresden, Germany.</p> <p>Keynote Speakers:</p>

	<ol style="list-style-type: none"> 1. Prof. Dr. Birgit Vogel-Heuser, Technical University of Munich, Head of Chair and Director of Institute Automation and Information Systems, München, Germany; INDUSTRY 4.0 IN GERMANY. 2. Prof. Dr. Jay Lee, U of Cincinnati and Shanghai Jiao Tong University, Cincinnati, USA; INTELLIGENT MAINTENANCE. 3. Prof. Dr. Yasuhiro TAKAYA, Osaka University, Japan; INTELLIGENT MANUFACTURING METROLOGY. 4. Prof. Dr. Jozsef Vanca, TU Budapest, Hungary; AUTOMATED PLANNING FOR HUMAN-ROBOT ASSEMBLY. 5. Prof. Dr. Kornel Ehmann, Northwestern University, Evanston, USA; MANUFACTURING OF MIRO AND NANO PRODUCTS. 6. Prof. Dr. Detlef Kochan, ADVANCED MANUFACTURING AND INDUSTRIE 4.0 FOR SME.
Time	Hall 211 (Second floor)
13:00-14:30	Break
14:30-16:00	<p><i>NEWTECH Conference and AMP Serbia 2017/ Session 3: Plenary Session/Panel 2 – Advanced Researches in Manufacturing – World-wide Approaches, Part 2 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p style="text-align: center;">Introductions Plenary Presentations</p> <p>Chairmen Session:</p> <p>Prof. Joe Beaman, U of Texas at Austin, USA. Dr. James Truchard, co-founder, President and CEO of National Instruments, Austin, TX, USA. Prof. Dr. Sridhar Kotta, University of Michigan, Ann Arbor, MI, USA. Dr. Augusta Paci, CNR, Rome, Italy. Prof. Dr. Andreas Arhenti, KTH Royal Institute of Technology, Stocholm, Sweden. Prof. Dr. Miroslav Piska, TU Brno, Brno, Czech Republic.</p> <p>Keynote Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Joe Beaman, U of Texas at Austin, USA; ADVANCED MANUFACTURING IN USA. 2. Dr. James Truchard, co-founder, President and CEO of National Instruments, Austin, TX, USA; INTELLIGENT INSTRUMENT RESEARCHES. 3. Prof. Dr. Sridhar Kotta, University of Michigan, Ann Arbor, MI, USA; ADVANCED RESERACHES AT THE SMART PRODUCTS. 4. Dr. Augusta Paci, CNR, Rome, Italy; INDUSTRY 4.0 – APPLICATIONS IN ITALY. 5. Prof. Dr. Andreas Arhenti, KTH Royal Institute of Technology, Stocholm, Sweden; SENSOR-BASED METROLOGY FOR SMART MANUFACTURING SYSTEMS. 6. Prof. Dr. Miroslav Piska, TU Brno, Brno, Czech Republic; ADVANCED MANUFACTURING IN CZECH.

16:00-16.30	Break
	<p><i>NEWTECH Conference and AMP Serbia 2017/ Session 4: Plenary Session/Panel 3 – Advanced Researches in Manufacturing – World-wide Approaches, Part 3 - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p style="text-align: center;">Introductions Plenary Presentations</p> <p>Chairmen Session:</p> <p>Dr. Lim Ser Yong, Director of the Singapore Institute of Manufacturing Technology, Singapore. Prof. Dr. Hideaki Hohonoki, COHO Consulting, Tokyo, Japan. Prof. Dr. George Constatin, TU Bucharest, Bucharest, Romania. Prof. Dr. Jerzy Jedrezevski, TU Wroclaw, Wroclaw, Poland. Dr. Liviu Jalba, Microelectronica S.A., Bucharest, Romania. Prof. Dr. Dusan Šormaz, Ohio University, Department of Industrial and Systems Engineering, Ohio University, Ohio, USA. Prof. Dr. Peter Monka, TU Presov, Presov, Slovakia.</p>
16:30-18:00	<p>Keynote Speakers:</p> <ol style="list-style-type: none"> Dr. Lim Ser Yong, Director of the Singapore Institute of Manufacturing Technology, Singapore; MANUFACTURING IN SINGAPORE – TRENDS IN RESEARACHES. Prof. Hideaki Hohonoki, COHO Consulting, Tokyo, Japan; INTELLIGENT MANUFACTURING, ITS TREND AND INFLUENCES IN JAPAN. Prof. Dr. George Constatin, TU Bucharest, Bucharest, Romania; XXXXXXXXXXXXXXXXXXXXXXXXXXXX Prof. Dr. Jerzy Jedrezevski, TU Wroclaw, Wroclaw, Poland; INTELLIGENT MACHINE TOOLS. Dr. Liviu Jalba, Microelectronica S.A., Bucharest, Romania; INTELLIGENT SMART PRODUCT/ SERVICE. IS THERE ANY PLACE FOR US? HIGH TECHNOLOGY NICHE MARKET ADDRESSED BY LOCAL EXPERTISE AND ENTHUSIASM. Prof. Dr. Dusan Šormaz, Ohio University, Department of Industrial and Systems Engineering, Ohio University, Ohio, USA; INTELLIGENT PROCESS PLANNING. Prof. Dr. Peter Monka, TU Presov, Presov, Slovakia; SLOVAKIA MANUFACTURING TRENDS.

20:00 NEWTECH Conference and AMP Serbia 2017 / Conference Reception in Mayor City Hall Belgrade (informal dressing).

International Conference AMP Serbia 2017 - CONFERENCE PROGRAM

Date: 8 th June, 2017 / Thursday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 16:30 Registration / CeNT (first floor).

Time	Hall 211 (Second floor).
09:00-10:30	<p><i>AMP Serbia 2017/ Session 5: Session/Panel 4 – Advanced Research in Manufacturing in Serbia - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p><u>Chairmen Session:</u></p> <p>Prof. Dr. Vidosav Majstorović, University of Belgrade, MEF, Serbia.</p> <p>Prof. Dr. Radivoje Mitrović, Dean MEF, Belgrade;</p> <p>Prof. Dr. Dragan Djurdanovic, Department of Mechanical Engineering, University of Texas, Austin, TX, USA;</p> <p>Prof. Dr. Aleksandar Jovović, MEF, Belgrade, Serbia.</p> <p>Prof. Dr. Milan Petrović, MEF, Belgrade, Serbia.</p> <p>Prof. Dr. Dragan Aleksandrić, MEF, Belgrade, Serbia.</p> <p>Prof. Dr. Aleksandar Veg, MEF, Belgrade, Serbia.</p> <p><u>Keynote Speakers:</u></p> <ol style="list-style-type: none"> 1. Prof. Dr. V. Majstorović, et al., University of Belgrade, MEF, Belgrade; CYBER-PHISICAL MANUFACTURING – RESEARCH IN SERBIA. 2. Prof. Dr. Radivoje Mitrović, Dean MEF, Belgrade; MECHANICAL ENGINEERING EDUCATION/RESEARCHES ON MEF, BELGRADE. 3. Prof. Dr. Dragan Djurdanovic, Department of Mechanical Engineering, University of Texas, Austin, TX, USA; BIG DATA IN MANUFACTURING. 4. Prof. Dr. Aleksandar Jovović, MEF, Belgrade, Serbia; INTELLIGENT PROCESS INDUSTRY. 5. Prof. Dr. Milan Petrović, MEF, Belgrade, Serbia; EXPERT SYSTEM FOR TURBO-MACHINERY. 6. Prof. Dr. Dragan Aleksandrić, Dr. Marko Ćirović, MEF, Belgrade, Serbia; TOWARDS INTELLIGENT BRAKING SYSTEMS OF MOTOR VEHICLES. 7. Prof. Dr. Aleksandar Veg, MEF, Belgrade, Serbia; RESERACHES IN MECHANISMS AND MACHINES.

Time	Hall CeNT (First floor).
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<p>09:00-10:30</p>	<p><i>AMP Serbia 2017/ Session 6: Session/Panel 5 – Advanced Manufacturing in Practice, Reseraches and Policy from Serbia - Hall CeNT (First floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p>Chairmen Session:</p> <p>Dušan Dmitrić, Tetra Pak, Gornji Milanovac; Prof. Dr. Sanja Vraneš, Institute Mihajilo Pupin, Belgrade; Prof. Dr. Dragan Đuričin, Faculty of Economy, Belgrade University, Belgrade; Gordana Danilović, STP, Belgrade; Katarina Obradović-Jovanović, Ministry of Economy, Belgrade; Dr. Edvard Jakopin, Ministry of Economy, Belgrade;</p> <p>Keynote Speakers:</p> <ol style="list-style-type: none"> Dušan Dmitrić, Tetra Pak, Gornji Milanovac; WORLD CLASS MAINTENANCE IN TP. Prof. Dr. Sanja Vraneš, Institute Mihajilo Pupin, Belgrade; ADVANCED RESEARCHES IN INSTITUTE MIHAJLO PUPIN; Prof. Dr. Dragan Đuričin, Faculty of Economy, Belgrade University, Belgrade; XXXXXX. Gordana Danilović, STP, Belgrade; XXXXXXXXXXXXXXXXXXXXXXXXXX. Katarina Obradović-Jovanović, Ministry of Economy, Belgrade; XXXXXXXXXXXXXXXXXXXXXXXXXX. Dr. Edvard Jakopin, Ministry of Economy, Belgrade; XXXXXXXXXXXXXXXXXXXXXXXXXX.
<p>10:30-11:00</p>	<p>Coffee Break (CeNT – first floor).</p>
<p>11:00-13:00</p>	<p><i>AMP Serbia 2017/ Session 7: Session/Panel 6– Advanced Manufacturing Program – Open Disscusion on Conference Topics - Hall 211 (second floor) - Faculty of Mechanical Engineering, Belgrade.</i></p> <p>Chairmen Session:</p> <ol style="list-style-type: none"> Milivoje Miletić, Chamber of Commerce and Industry Serbia - President of Belgrade Chamber of Commerce, Belgrade, Serbia; Katarina Obradović-Jovanović, Ministry of Economy, Belgrade; Prof. Dr. Radivoje Mitrović, Dean MEF, Belgrade; Dr. Stephan Heieck, GIZ Belgrade, Germany; Tanja Mišćević, Chief Office for EU integration, Belgrade; Prof. Dr. V. Majstorović, University of Belgrade, MEF, Belgrade; <p>Introduction Speakers:</p> <ol style="list-style-type: none"> Milivoje Miletić, President of Belgrade Chamber of Commerce; Velimir Radojevic, Chamber of Commerce Belgrade; INDUSTRY IN BELGRADE – POSSIBILITIES FOR DEVELOPMENT.

	<p>2. Dr. Stephan Heieck, GIZ Belgrade, Germany; XXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>3. Tanja Mišević, Chief Office for EU integration, Belgrade; XXXXXXXXXXXXXXXXXXXXXXXXXX</p>
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20:00 AMP Serbia 2017 / Conference Dinner (informal dressing).

International Conference AMP Serbia 2017 - CONFERENCE PROGRAM

Date: 9 th June, 2017 / Friday	Venue: Faculty of Mechanical Engineering, str. Kraljice Marije 16, Belgrade
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Registration desk: 08:00 – 10:00 Registration

Time	Hall 211 (Second floor).
10:00-12:00	<p>Session 8 - Dissusion and presentation final document – White paper: Advanced Manufacturing Research, Practices and Opportunities – INDUSTRY 4.0 – SMART AND INTELLIGENT PRODUCTS.</p> <p>Session Chairmen</p> <ol style="list-style-type: none">1. Prof. Dr. R. Mitrović2. Prof. Dr. D. Djurdjanović3. K. Obradović-Jovanović4. M. Miletić5. V. Majstorović <p>WITE PAPER FRAMEWORK – PRESENTATION.</p>
Time	Hall CeNT (First floor).
13:00-14:00	Farewell Cocktails in Club CeNT (first floor)

Welcome to Belgrade to the Conference of Advanced Manufacturing 2017 !

Conference Abstracts