



University of Zagreb, Faculty of  
Mechanical Engineering and Naval  
Architecture



Croatian Association for PLM



University of Primorska  
Faculty of  
Management Koper



University of Skopje  
Faculty of Mechanical  
Engineering



University of Zagreb  
Faculty of  
Graphic Arts



University of Maribor  
Faculty for Mechanical  
Engineering



Institute for Innovation and  
Development of University of  
Ljubljana



Politecnico di  
Torino

are organizing

4<sup>th</sup> International Scientific Conference

## Management of Technology Step to Sustainable Production



**MOTSP 2012**

LAST CALL FOR PAPERS



June 14-16, 2012

Hotel Kolovare, Zadar, Croatia

**International Conference Management of Technology – Step to Sustainable Production (MOTSP 2012)**, will take place from 14-16 June 2012 in Zadar, Croatia as a joint project organized by the *Faculty of Mechanical Engineering and Naval Architecture* and *Faculty of Graphical Arts* both from the *University of Zagreb, Croatia*, *Faculty of Management, University of Primorska, Koper* and *Faculty of Mechanical Engineering, University of Maribor, Slovenia*, *Faculty of Mechanical Engineering, Ss. Cyril and Methodius University, Skopje, Macedonia*, and *Politecnico di Torino, Italy*.

The main objective of this Conference is to gather international experts from academic entities, research laboratories and industries related to the field of Management of Technology and Sustainable Production. The Conference will also provide a platform for sharing knowledge, ideas and results between science and industry.

The management of technology, stimulation of innovation and invention and transfer of technology are important challenges of the developed countries and countries in transition.

### MAIN TOPICS

Management of Technology

Production, Operation Management

Strategic, Engineering Management,

Industrial Engineering

- Operational Research
- Logistics
- Production Economics
- Decision and Risk Analysis
- Manufacturing Costs
- Supply Chain Management
- Total Quality Management
- Forecasting, Technology Foresight
- Business Intelligence
- Maintenance, etc.

Rapid Prototyping and Manufacturing

Computer Integrated Manufacturing CAD, CAM, CAPP, CAQ

Artificial Intelligence

Product Lifecycle Management (PLM)

Total Cost Assessment

Sustainable Production

- Product Lifecycle Management (PLM)
- Green Production (BAT)
- Clean Production
- Eco Design
- LCM (Life Cycle Management) & Decision Supports
- LCA (Life Cycle Assessment)
- LCI (Life Cycle Inventory)
- LCIA (Life Cycle Impact Assessment)

- Extended Products
  - SLCA (Social Life Cycle Assessment)
  - Renewable Sources of Energy Efficiency and Audit
  - Eco Labeling
  - Recycling
  - Reverse Logistics
- Social Responsibility

### SCIENTIFIC COMMITTEE

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JERBIĆ B. (HR)	ŽIŽMOND E.(SLO)
JURAGA I. (HR)	

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GORDANA BARIĆ	NIKŠA DUBRETA
GORAN ĐUKIĆ	HRVOJE CAJNER
NATAŠA TOŠANOVIĆ	ANA KELEMEN
HELENA TRBUŠIĆ	

## SPONSORING ORGANIZATIONS

- TEMPUS IV JPCR 144959 (2009-2011) – Product Lifecycle Management with Sustainable Development
- Croatian Chamber of Economy, Croatia
- Ministry of Economy, Labour and Entrepreneurship, Croatia
- Fund for Environment Protection and Energy Efficiency, Croatia
- Technical University in Turin, Turin, Italy
- University of Zenica, Faculty of Mechanical Engineering, Zenica, BiH
- University of Rijeka, Faculty of Engineering, Rijeka, Croatia
- Ss.Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering, Skopje, Macedonia
- Institute for Innovation and Development of University of Ljubljana
- University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia
- HIT – Croatian Institute of Technology, Zagreb, Croatia
- IRI – Institute for Innovation and Development, University of Ljubljana, Slovenia
- Croatian Employment Service, Croatia

## PARTNER ORGANISATIONS & CONFERENCES

- DAAAM International Vienna, Vienna, Austria
- Center for Virtual Production (CEVIP), Faculty of Mechanical Engineering, Kragujevac, Serbia
- International Centre for Innovation and Industrial Logistics (ICIL)
- Inderscience Publishers – Publishers of Distinguished Academic, Scientific and Professional Journals

## GENERAL INFORMATION

We are still accepting late submissions of abstracts for some time!  
Submission of paper titles and abstracts (up to 100 words) using abstract submission form at [motsp2012.org](http://motsp2012.org)

Final submission of full papers: **January 31<sup>st</sup>, 2012**

Notification of acceptance of full papers: **March 30<sup>th</sup>, 2012**

Final papers due on **10<sup>th</sup> April, 2012**

### Correspondence address:

CaPLM – Croatian Association for PLM  
Ivana Lučića 1, 10 000 Zagreb, Croatia

Chairman: Prof. Predrag Čosić, PhD,  
FAMENA, Department of Industrial Engineering

Secretary: Nataša Tošanović, MA, Mech. Eng.  
Helena Trbušić, MA, Sociology and English language

E-mail: [motsp2012@fsb.hr](mailto:motsp2012@fsb.hr)

URL: [motsp2012.org](http://motsp2012.org)

## INFORMATION FOR PARTICIPANTS

### Conference venue:

Hoteli Zadar d.d., Hotel Kolovare  
Bože Peričića 14 | 23 000 Zadar | Croatia  
Tel. +385 23 211 017, 203 200

Fax. +385 23 213 079, 203 300

**E-mail:** [katarina.kolovare@hoteli-zadar.hr](mailto:katarina.kolovare@hoteli-zadar.hr)

[hotel.kolovare@hoteli-zadar.hr](mailto:hotel.kolovare@hoteli-zadar.hr)

**Web:** <http://www.hotel-kolovare.com/en/>

### Registration:

Hotel Kolovare (\*\*\*\*), Zadar

Registration should be acknowledged at the reception desk on

June 13<sup>th</sup>, 2012 18:00 – 20:00

June 14<sup>th</sup>, 2012 08:00 – 09:00

Early registration fee: **EUR 350** (deadline **April 15<sup>th</sup>, 2012**)

Deadline for Presenting Authors **May 10<sup>st</sup>, 2012**

Late registration fee: **EUR 400** (deadline **May 15<sup>th</sup>, 2012**)

The Conference fee includes Proceedings, 2 lunches, gala dinner, coffee breaks and excursion to National Park Krka, near Zadar.

**Conference language:** English

### Presentation:

Presentations should take 15 minutes. Authors will have the possibility of using computers for the presentations (Power Point).

All the accepted papers will be published in the Conference Proceedings to be distributed during the Conference. According to the Scientific Committee recommendations, the authors of the selected papers will be invited to extend their papers for publication in the following journals (some of them are included in databases CC, SCI, SCI – Expanded):

- Strojarstvo, Journal for Theory and Application in Mechanical Engineering Metallurgy, Journal for Theory and Practice in Metallurgy
- Transaction of FAMENA
- Technical Gazette
- Advances in Production Engineering and Management
- International Journal of Simulation Modeling
- Journal of Mechanical Engineering
- UP FM – Management
- UP FM – Management Global Transition
- Polimeri
- Flexible Services and Manufacturing Journal
- Journal of Intelligent Manufacturing
- International Journal of Product Lifecycle Management
- Annals of Faculty Engineering Hunedoara – International Journal of Engineering
- International Journal of Transitions and Innovation Systems
- Acta Mechanica Slovaca – The Technical University of Košice

### Organization:

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb  
CaPLM – Croatian Association for PLM  
Ivana Lučića 1, 1000 Zagreb, Croatia

### Arriving by plane:

Zadar Airport, Split Airport, Zagreb Airport.

### Arriving by car:

Highway A1, **route Zagreb - Split**, is the fastest and best of all. The best exit from the highway is at the knot Zadar east or Zadar west.

### Arriving by ferry :

**Ancona – Zadar** (more Info – Jadrolinija Rijeka)

### Hotel reservation:

Participants and accompanying persons of MOTSP 2012 have a special offer from the Hotel Kolovare. For reservation and more information, please contact: [motsp2012.org](http://motsp2012.org).



*Skradinski Buk (Krka Waterfalls) featured in Krka National Park*



*Island of Visovac in Krka National Park*