

Welcome to ICMEM 2016 held in High Tatras

The place of mysteries,





the place of never-ending fairytales



and beautiful nature.



Conference is supported by: the Slovak Research and Development Agency under the contract No. APVV-0207-12 | ANT AG, Lübeck | Fabb-It UG, Lörrach | Licon mt GmbH & Co. KG Laupheim | TRUMPF Laser- und Systemtechnik GmbH

Manufacturing Engineering and Materials



Organised by:

Department of Manufacturing Technologies, Faculty of Manufacturing Technologies Technical University in Košice with a seat in Prešov

In cooperation with:

- Surface Integrity Lab, Opole University of Technology, PL
- Institute of Geonics of the CAS, v.v.i Ostrava Poruba, CZ
- International TEAM Society
- Indian Scholl of Mines, Dhanbad, India

Scope:

Focuses on **advances** in the field of (un)conventional manufacturing processes that are needed to gain industrial competitiveness **with respect** on **sustainable development** and **preserving the environment**.

Original and novel research contribution in all aspects of manufacturing engineering and materials

Keywords:

(Un)conventional Processes | Advanced Manufacturing | Bio-Engineering | Casting, Forming and Molding | Design and Materials | Green Manufacturing | Measurement, Monitoring | Automation and Control | Modeling and simulation | Rapid Prototyping and Rapid Manufacturing | Robotics and Automation | Tribology | Welding, joining and assembly | Electrical Engineering

5. – 10. June, 2016 Nový Smokovec Slovakia

Scope:

Focuses on **advances** in the field of (un)conventional manufacturing processes that are needed to gain industrial competitiveness **with respect** on **sustainable development** and **preserving the environment**.

Original and novel research contribution in all aspects of manufacturing engineering and materials

Best Paper Award:

Best paper award: Waterjet Technology Sponsored by ANT AG, Lübeck: 1. 300,- Euro 2. 200,- Euro 3. 100,- Euro Best paper award: Rapid Prototyping & Rapid Manufacturing Sponsored by Fabb-It UG, Lörrach: 1. 300,- Euro 2. 200,- Euro 3. 100,- Euro Best paper award: Conventional Machining /Metal Cutting Sponsored by Licon mt GmbH & Co. KG, Laupheim: 1. 300,- Euro 2. 200,- Euro 3. 100,- Euro **Best paper award: Laser Processing** Sponsored by TRUMPF Laser- und Systemtechnik GmbH, Ditzingen: 1. 300,- Euro 2. 200,- Euro 3. 100,- Euro

Deadlines

Paper submission for review

Paper submittion for review

Late Registration

Early Registration

Review and revised paper submission

31. December 2015

1. March 2016

15.May 2016

Registration fee:

| Conference participants | 200€ | 250€ |
|--|-------|------|
| PhD. Students (to be the first author) | 100€ | 150€ |
| Publishing without participations | 150 € | 180€ |

The early bird rate of the Conference registration fee will be 200 Eur per delegate for pamyents made before 31.12.2015, and the regular rate of 250 Eur will apply thereafter

The fee for an accompayining quest, who will not attend the ICMEM 2016 is 80 Eur, that covers the reception, conference Get-Togetter Evening and the Social Programmes









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Technical information

Date and venue

The second announcement contains a list of accepted papers suggested by the reviewers for publishing and presentation at the International Conference of Manufacturing Engineering and Materials to be held during $5^{th} - 10^{th}$ Jun 2016 in Nový Smokovec.

Language, proceedings, poster

The working language of the Conference is English that will be used for all printed materials, presentations and discussions. The scientific program consists of plenary session, technical sessions, PhD session (competitions). The plenary sessions will be divided into the sections according to conference topics. The presentation is considered to be as an open review of the submitted lectures. All successfully reviewed papers will be published in Procedia of Engineering (Elsevier). The journal is indexed in SCOPUS, the largest abstract and citation database of peer-reviewed literature.

Accommodation

Please take note that foreign/outstation participants would need to arrange their own transport arrangement to the venue of the conference. For further information about accommodation, please, contact the secretary of the conference via e-mail: <u>hloch.sergej@gmail.com</u> or make you reservation as soon as possible directly at the hotel Atrium in Nový Smokovec: http://icmem2016.webnode.sk/.

Conference Fee:

Authors are kindly asked to complete the Registration Form and send it as soon as possible to the conference secretariat. Please, check your payment of the conference fee. All participants without exceptions have to pay the conference fee. For each paper, at least one conference fee must be paid, if not, it can happen that the paper will not be included in the final program. Registration fee covers the entry to all sessions, lunch & tea breaks, conference kits, proceeding, program, certificate and banquet dinners and accompanying program.



Technical information

Presentation

For oral presentation, the paper must be presented in MS Power Point or as a Poster. The author or one of the coauthors is required to present a summary of the paper in max. 10 minutes for oral presentation and 5 minutes for the Q&A session. The keynote lectures presentation length is max. 20 minutes, including the Q&A session. The softcopy of your power point presentation should be submitted to the secretariat during the registration at the desk or via e-mail: hloch.sergej@gmail.com.



Brief Program

| | 6 June | 7 June | 8 June | 9 June | 10 June |
|----------------|--|---|---|------------------------------------|-----------|
| 7:00 8:30 | | | Breakfast | | |
| 9:00 10:30 | Opening Ceremony | Plenary session | PhD workshop | Excursion to Slovak Academy of | Check out |
| 10:30 10:45 | Coffee Break (poster session) | | Sciences Observatory – | | |
| 10:45 12:30 | Keynote lectures | Plenary session | PhD workshop | Skalnaté Pleso Červený Kláštor | |
| 12:30 14:00 | Lunch | | Lunch | | |
| 14:00 15:30 | Keynote lectures | Plenary session | PhD workshop | Conference Closing | |
| 15:30 16:00 | Coffee Break (poster session) | | Best paper Award Best poster Award | | |
| 16:00 17:00 | Keynote lectures | Plenary session | PhD workshop | for PhD students | |
| 18:00 19:30 | Dinner | Dinner | Social Evening: | Dinner | |
| | Free program Wellness Novy Smokovec Hrebienok Non-formal discussion | Social evening: Slovak wine tasting Bowling Wellness | Dinner – Grill Party Traditional Slovak Folk Music Vagonar TOMBOLA | arty Free Program Folk Wellness | |

Venue

Event will be held at the hotel Atrium in Novy Smokovec in High Tatras. The Hotel Atrium in Novy Smokovec is renowned for its unusual architecture (circular shaped building) as well as its location - at the foot of Slavkovsky's peak. Visitors can enjoy panoramic views of the mountains from both the restaurant and bedrooms. It is an ideal place for holiday with children as well as conferences, seminars and workshops for business delegates. The hotel offers comfortable accommodation in 87 bedrooms, 5 conference halls, superb Slovak and international cuisine and relaxation in its Wellness Center. Since September 2011 the hotel also offers a unique opportunity of hosting weddings right in the heart of the Tatra Mountains. The hotel's mascot and mountain quide SKALKO is available to entertain children. There are many tourist attractions available nearby. The furnicular railway to Hrebienok is only a short walking distance from the hotel. Hrebienok is a starting point for various hiking treks. Different varieties of sports and entertainment are available to you during both the summer & winter seasons.

When you make a reservation, please identify yourself in the subject or body of e-mail as a participant of ICMEM2016.









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LICON MT modular machining centers

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