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Contact

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Previous Conferences

1st - 2011 June 16-17 - Pordenone (I)
2nd - 2012 September 27-28- Lemgo (D)

Sponsors



Supporters



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Hochschule Ostwestfalen-Lippe
University of Applied Sciences

3rd International Conference

PRODUCTION ENGINEERING AND MANAGEMENT

**AN ACTIVE INTERACTION BETWEEN UNIVERSITY
AND INDUSTRY**

Trieste
Conference Room - DEAMS (building D)
University of Trieste
Piazzale Europa, 1
26-27 September 2013



The modern European engineer: knowledge, technical competencies and intercultural communication skills

The University of Trieste and the University of Applied Sciences Ostwestfalen-Lippe introduced an International Double Degree Master Programme "Production Engineering and Management" in 2011.

The aim is to give students in Germany and Italy, but also from abroad, the chance to learn the necessary abilities from lecturers and by each other. The International Conference "Production Engineering and Management In Furniture Industry" was carried out for the first time in June 2011 and for the second time in September 2012.

The conference shall be a platform to present actual research projects, introduce young academics in the tradition of symposiums and, last but not least, to facilitate interexchange between industrial partners and alumni.

Aims of the conference

The conference has been established as an annual meeting in the context of the International MSc programme Production Engineering and Management between the two partners University of Trieste (I) and University of Applied Sciences Ostwestfalen-Lippe (D).

The conference aims

- to present current results of research projects
- to discuss the recent developments in the branch and society
- to bring together professionals, specialists and students
- to enable the exchange of experiences between professionals, researchers and professors
- to introduce young professionals and master students to the environment of a scientific conference
- to offer candidates and Ph.D. students the chance to present their work
- to attract students for an international career in the branch
- to encourage students to be open minded and broaden their own cultural horizons.

Program

Thursday 26 September : 11.00 - Registration

Introduction:

M. Pipan - The Delegate for Scientific and Technological Research of University of Trieste.

D. Del Santo - The Delegate for Didactic, Policies for students and right for study of University of Trieste.

Plenary session. "Promoting active interactions between university and industry"

Moderator: M. Nicolich

Speaker: I. Marson - University of Trieste

R. Grell - HS-OWL

A. Jesse - Jesse S.p.A.

F. Sacilotto - Fonderia SABI S.p.A.

A. Negri - Federlegno

Lunch: 13.0 -14.30

Thursday 26 September: 14.30

Session topic: "Pathways to the 4th Industrial revolution"

Introduction and chair of the session: F-J. Villmer

– Hartweg, E, *Smart factories: IT is the key to the next industrial revolution*

– Böhm, F., Burlon, F., Körtum, C., Riegel, A., *Process chain simulation: virtual reality to machine VR2M*

– Cortellessa, A., Gallina, P. et al., *Automatic Path-Planning Algorithm for Realistic Decorative Robotic Painting*

– Dresselhaus, D., Jungkind, W., *Strategic Management at HORA GmbH & Co. KG*

Coffee Break: 16.00 -16.30

Session topic: "Management practices and technologies"

Introduction and chair of the session: W. Jungkind

– Baumann, H., Büttemeyer, Ch., Dekomien, K., Grell, R., *BRICS: new markets need new approaches?*

– Campanella, R., *The 8th and 9th waste - The motivation as a key element for the success of the lean transformation*

– De Bortoli, R., Favaretto, S., Padoano, E., Pozzetto, D., *Application of Activity Based Costing method and Value Stream Mapping analysis to a company operating in the furniture industry*

Friday 27 September: 09.00

Session topic: "Advanced technologies for quality and sustainability"

Introduction and chair of the session: R. Grell

– Samusch, M., *Biopolymers and renewable raw materials in coatings - From history to the future*

– Herzberg, K., Dekomien, K., Huxol, A., Riegel, A., *High Gloss Surfaces: valid quality evaluation*

– Bulian, F., *New challenges for wood coatings*

– Babuin E., Civilini, M., Cortella, G., *Biofiltration for sustainable production*

– Ballarin, L., *Sustainability for a balanced industrial growth*

– Bursch, D., Riegel, A., Borchering, H., Meier, V., *Intelligent Drilling – Direct-driven, self-optimizing high-speed drilling spindles for furniture industry*

Coffee Break: 11.00 -11.30

Session topic: "Supply chain management"

Introduction and chair of the session: R. Campanella

– Boone, N., *Improving the furniture supply chain by learning from other industries*

– Reinking, D., *Packaging Optimization for Flat-Packed-Furniture*

– Schleuter, D., *Promoting Collaboration – Intralogistics Check as Stimulus for SMEs*

Lunch: 13.00 -14.30

Friday 27 September: 14.30

Session topic "Product innovation and design"

Introduction and chair of the session: E. Babuin

– Glass, J., Villmer, F-J., *Innovation benchmarking: analyzing and optimizing efficiency and effectiveness of R&D*

– Costantino, F., Di Gravio, G., Tronci, M., Fagnoli, M., *Improvement of Products' Environmental Sustainability through Life Cycle Modelling*

– Bulian, F., Carrer, M., Rusalen, F., *Design of an environmentally friendly PVC-PVC coating cycle*

– Krause, B., Solbrig, K., Riegel, A., *A strength design approach for carcass furniture*

Coffee Break: 16.00 -16.30

Session topic: "Product development and engineering"

Introduction and chair of the session: A. Riegel

– Laukötter, , Villmer, F-J., *Advanced development: the fuzzy front-end product development*

– Herbst, Ph., Villmer, F-J., *A model of cost prediction for product realization projects*

– Nicolich, M., *Tool materials for wood working process. A review*

Conclusion and introduction of the next conference - M. Nicolich, A. Riegel