

8<sup>th</sup> October

EMO 2015  
STELLA POLARE  
CONVENTION CENTER

Sagittarius conference hall  
h. 9.30  
FIERA MILANO RHO

Workshop

# FUTURE TRENDS IN MACHINE TOOLS AND MANUFACTURING

The EMO exhibition is recognised as the most important event in the field of machine tools and production systems. **"Machines to build the future"** is the leitmotiv of 2015 edition, oriented towards achieving real solutions to what Mankind has so far only just imagined. EMO 2015 gives us the opportunity to outline manufacturing as one of the main pillars of the economic growth and a key factor in job creation.

The **"Future Trends in Machine Tools and Manufacturing"** workshop is a good opportunity to discuss on the evolution of industrial technologies with outstanding international experts. Is the future of manufacturing really sustainable? And in which way innovative technologies as computer vision-, micro-, hybrid-, additive-, cryogenic-machining, smart materials, robots and innovative design techniques could increase performances and improve precision in machining?

*This is the best chance to hear world's leading experts in the machine tools field, exchange their opinions and points of view.*

*In one word: FUTURE*

*By taking part in **"Future Trends in Machine Tools and Manufacturing"** on the 8<sup>th</sup> of October, you will discover innovative technologies on which the improvement of the quality of life depends.*

*Are you ready?*

*Build up your manufacturing experience with us!*

FFG Group

COUPON TO CONFIRM TO	mvilla@jobs.it / +39 0523 549809
Company Name	
First name and last name	
I will attend the <b>"FUTURE TRENDS IN MACHINE TOOLS AND MANUFACTURING"</b> Workshop	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> I will not be able to attend the Conference. Please send me further information.	

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## A G E N D A

9.30 / 10.00	<b>Registration</b>		
10.00	<b>Welcome</b>  Luigi Galdabini		President of Ucima Sistemi per Produrre
10.15 / 10.35	<b>Future trends in machine tools and manufacturing</b> <b>Keynote speech</b>  Prof. M. Monno		Full Professor - Mechanical Engineering Dept. - Politecnico di Milano
10.35 / 10.55	<b>Towards sustainable manufacturing</b>  Prof. P. Mativenga		Chair in Multiscale & Sustainable Manufacturing - The University of Manchester
10.55 / 11.15	<b>Cryogenic fluids in lubrication and cooling of cutting tools</b>  Prof. M. Strano		Associate Professor - Mechanical Engineering Dept. - Politecnico di Milano
11.15 / 11.35	<b>Towards multiscale manufacturing</b>  Prof. K. F. Ehmann		Full Professor - Mechanical Engineering Dept. - Northwestern University
11.35 / 11.50	<b>Coffee Break</b>		
11.50 / 12.10	<b>Computer vision and machine learning for manufacturing</b>  Prof. R. Cucchiara		Full Professor - "Enzo Ferrari" Engineering Dept. - UniMORE
12.10 / 12.30	<b>Towards an improved machine tools design</b>  Prof. S. Ihlenfeldt		Chair of Machine Tools Development and Adaptive Control TU - Dresden
12.30 / 12.50	<b>Industrial and service robotics: state of the art and trends</b>  Prof. P. Rocco		Full Professor - Electronics, Information Technology and Bioengineering Dept. - Politecnico di Milano
12.50	<b>End of session</b>		

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>> Simultaneous interpreting service is provided in Italian and English languages.

