

# EMO Safety Day 19.09.2017

Conference on Safety of Machine Tools  
Requirements and State of the Art



**cecimo**  
European Association of  
the Machine Tool Industries



**EMO**  
**Hannover**  
18-23.9.2017

# Welcome

The safety of machine tools is a major issue. Complex machinery, high speed, and high power levels can be a dangerous mixture for the operator. Nevertheless, machine tools are very safe products.

At the *Safety Day for Machine Tools* at EMO Hannover 2017, top experts will provide you an insight into the existing requirements, challenges and the current state of the art. Experience how practical solutions ascertain the high safety and what remains to be done in the future!

The proximity to the EMO exhibition makes it possible to see how the design concepts of modern machine tools have developed over the time. It shows that safety is not the single issue of machine manufacturers, but also the vital interconnection with equipment suppliers, health and safety executives, policy makers, researchers and standardization bodies.

The program reflects the multilateral collaboration of these stakeholders that has become a success model. Much has been achieved. The conclusion is: machine tools, which are being designed in accordance to the relevant product safety requirements and standards, and which are also being operated in accordance with their intended use, can be considered safe!

Nevertheless, much remains to be done. So we look forward to seeing you at the *EMO safety day for machine tools* to share experiences and make the world a little safer.



**Maitane Olabarria Uzquiano**  
Cecimo



**Dr. Alexander Broos**  
VDW

# Programme

- 09:30 Registration
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- 10:00 Welcome Address  
**Dr. Alexander Broos**, *Director of Research and Technology, VDW (German Machine Tool Builders Association)*
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- 10:15 Machinery Safety and Market Surveillance in the EU:  
A Success Story Continues  
**Felicia Stoica**, *Policy Officer Machinery Directive, European Commission, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs*
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- 11:00 Safety of Grinding Machines:  
Secret of the Success of ISO 16089 and Residual Risk  
**Christian Adler**, *BGHM, expert committee woodworking and metalworking of the German social accident insurance, Health and Safety Expert on Grinding Machines*  
**Dr. Lukas Prasol, Fabio Meister**, *Scientists, Technical University Berlin*
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- 11:30 The new Safety Standard ISO 16090 on Milling Machines  
**Christian Neumeister**, *Managing Director, German Standardization Committee for Machine Tools DIN-NWM*
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- 12:00 Networking Lunch
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- 12:45 CE Guide Milling Machines:  
A Checklist for the Market Surveillance Authorities  
**Maitane Olabarria Uzquiano**, *Manager Technical Regulations, Cecimo (European Association of the Machine Tool Industries)*
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- 13:15 Safety of Workpiece Clamping Devices  
**Heinrich Mödden**, *Technical Expert in Safety, VDW*
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- 13:45 Impact Tests on Guards and Simulation  
**Dr. Luca Landi**, *Full-time researcher, University of Perugia*
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- 14:15 Proven-in-Use: Safety of Standard-PLC in Turning Machines  
**Nika Nowizki**, *Scientist, University Stuttgart*
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- 14:45 Roundup Discussion  
**Dr. Alexander Broos**
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- 15:00 End

# Learning from Experts ...

*“EMO Hannover 2017 is a great opportunity to bring the important field of machine tool safety into public spotlight.”*

**Dr. Alexander Broos**

*“Machinery safety in the EU is a success story. Contributions by manufacturers and their equipment suppliers were and remain essential.”*

**Felicia Stoica**

*“Fixed and moveable guards bring about a significant risk reduction.”*

**Christian Adler**

*“European and worldwide efforts define a common state of the art for machine tool safety.”*

**Christian Neumeister**

*“After the sawing machines and EDM-machines, now the milling machines are in the focus of the market surveillance.”*

**Maitane Olabarria Uzquiano**

*“Risk reduction requires coordination of measures in the operational environment.”*

**Heinrich Mödden**

*“Empirical findings and simulation results support the design process.”*

**Luca Landi**

*“Field data analysis for a proven-in-use assessment shows that higher performance levels can be quantitatively achieved in real operational practice compared to ISO 13849.”*

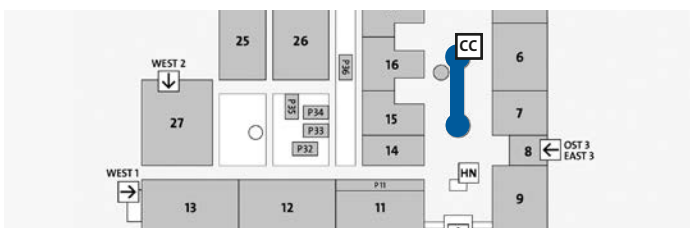
**Nika Nowizki**

# Venue

**Convention Centre (CC), Room 3A, Hannover Exhibition Centre  
30521 Hannover, GERMANY**

You will find directions on how to get there at:

<http://www.emo-hannover.de/en/info/for-visitors/maps/>



# Your investment

**Fee: € 185 plus VAT (Registration deadline August 31, 2017 )**

**Early Bird: € 155 plus VAT (Registration before August 18, 2017)**

The above price includes admission to the EMO Hannover 2017 trade show, participation in the conference, conference documentation, refreshments and lunch. After we receive your registration, you will receive a confirmation e-mail, including an entrance code to access the fairgrounds. The invoice will be sent out by the MBI (Maschinenbau-Institut GmbH), Frankfurt am Main, Germany, our partner for the billing process. The registration is binding, i.e., refund of the attendance fee is not possible. A replacement attendee from the same company can be nominated. We recommend early registration because space and the number of participants are limited.

# Organizer

VDW – German Machine Tool Builders’ Association, Corneliusstr. 4,  
60325 Frankfurt am Main, GERMANY, [www.vdw.de](http://www.vdw.de)  
in Cooperation with Cecimo – The European Association of the  
Machine Tool Industries, [www.cecimo.eu](http://www.cecimo.eu)

# Contact persons

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# Registration

Please fill in the following form and return it by mail, email or fax to us as a binding application registration:

**VDW – German Machine Tool Builders' Association,  
Corneliusstraße 4, 60325 Frankfurt am Main, GERMANY**

**Ingrid Kirchner**

**Phone +49 69 756081-50**

**Email [i.kirchner@vdw.de](mailto:i.kirchner@vdw.de)**

**Fax +49 69 756081-11**

You can also submit your registration online using the following link: [www.emo-hannover.de/conferences](http://www.emo-hannover.de/conferences)

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Title

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Surname

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First name

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Company

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Street

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Post code/Town

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Telephone

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Email

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Place/Date

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Signature