

## Registration

**FAX +49 531 - 702228 99**

By this FAX I would like to ask for a binding registration to the 3rd Etalon Forum.

Venue:  
Volkswagenhalle (Business Foyer)  
Europaplatz 1, 38100 Braunschweig

Name:

Company:

Street:

Zip code/City:

Telephone:

E-Mail:

Date:

Signature:

### Note to the participation

The participation fee is 95,-- € per person. It includes the catering on both days as well as a digital copy of all presentations.

Please understand that we cannot arrange the hotel reservation for each participant. Of course we can send you a list of recommended hotels close to the venue.

**Kindly send us your registration latest until Friday October 21st, 2016.**

The invoice will be send together with the confirmation of your registration.



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## 3rd Etalon Forum

**Controlling the Micron  
in Industry and Research**

**November 3rd & 4th, 2016**



Business Foyer of the  
Volkswagenhalle Braunschweig

**Dear customers, interested persons and friends of Etalon,**

To celebrate our 12th anniversary, we are organizing a professional event focussing on “Controlling the micron in industry and research” in cooperation with our customers and partners. The event targets technical experts and decision makers from

- machine tool and metrology business
- production in the aerospace, automotive and energy sector
- the research sector with challenging geometrical metrology tasks

With the forum, we would like to repeat our success of the 2013’s event with over 120 participants – however, introducing one major change: The Etalon Forum 2016 will be held in English language, thus welcoming partners and customers on an international base.

*D. Schwenke*  
Schwenke, CEO

*A. R. Schneider*  
Schneider, CFO

Program		Thursday Nov. 3rd 2016
from 12:00	** Registration **	
13:00	Dr. H. Schwenke Etalon AG	Welcome
13:15	Dr. D. Imkamp Zeiss IMT GmbH	Metrology on the shop floor, where else? – Potentials and Limitations
13:45	E. Schaarschmidt Siemens AG	Metrology on machine tools – technical requirements and solutions
14:00	K. Kunis Siemens AG	Improvement of machine precision by using kinematic measurement and compensation strategies (VCS)
14:15	U. Warnatz Fanuc Europe	Control Technical Solutions for Typical Problems of Machine Tools
14:45	G. Günther Heidenhain	Methodically enhance the part accuracy with TNC controller features
15:15	** Coffee break **	
16:00	M. Wennemer WZL-Aachen	A case study on a very large machine tool: Systematic deviations & thermo-elastic deformations
16:30	R. Ottone ISONORM	ISO 16907: Benefits and limitations of compensation of machine tool’s geometric errors
17:00	C. Hitchens Nuclear Advanced Manufact. Res. Centre	Inspection of Large High Value Components In-Process on a Machine Tool Platform
17:30	Dr. H. Schwenke Etalon AG	Measurement, Compensation, Monitoring – Good practice and pitfalls
18:00	End	

**18:30**    \*\* Get-Together and Dinner \*\*

Program		Friday Nov. 4th 2016
08:30	M. Peterek WZL Aachen	Advances in Large-Scale Metrology: Technology & Models for Cyber-Physical Systems
09:00	Dr. K. Kniel PTB	Traceability for large scale metrology
09:30	Prof. Dr. A. Reichold Oxford University	From academic research to industrial products and back: FSI technology past, present and future
10:00	Dr. H. Schwenke Etalon AG	An applications driven toolbox for the Absolute Multiline Technology
10:30	** Coffee break **	
11:00	J.-C. Gayde CERN	Big physics and small tolerances: Metrology challenges at CERN
11:30	S. Léveque ESO	Metrology for the European Extremely Large Telescope
12:00	** Wrap-up and Good bye**	

