

Please fill out this form and send it back to us either by post to the address below or by fax to +49 241 8904-198.

Please register participants individually by making a copy of the form for each registration.

Fraunhofer-Institut für Produktionstechnologie IPT  
Dipl.-Kfm. Martin Bock  
Steinbachstraße 17  
52074 Aachen  
Germany

#### Organizers and Contact

Fraunhofer Institute for Production Technology IPT  
Steinbachstrasse 17  
52074 Aachen  
Germany

Dipl.-Kfm. Martin Bock  
Marketing business unit tool and die making  
Telephone +49 241 8904-159  
Fax +49 241 8904-198  
martin.bock@ipt.fraunhofer.de

#### Conceptual Partners

Werkzeugmaschinenlabor WZL der RWTH Aachen  
Fraunhofer Institute for Production Technology IPT

#### Supporting Partners



FRAUNHOFER INSTITUTE FOR  
PRODUCTION TECHNOLOGY IPT



## 11TH INTERNATIONAL COLLOQUIUM "TOOL AND DIE MAKING FOR THE FUTURE"

November 28, 2011  
Wiesbaden



# FOREWORD



Mastering the “tool and die making challenge” in the long run – the program at this year’s colloquium focuses on this current issue. Renowned experts will give their views on the keys to success in dealing with the challenges of today’s economic situation. The speakers include representatives from companies that are successful tool and die manufacturers. Take the opportunity to talk to and learn from the best in the industry!

Once again, this year’s event culminates in the eagerly awaited “Toolmaker of the Year” award ceremony. Find out who has won this tough competition to become “Toolmaker of the Year 2011”.

Make the most of your time by visiting the EuroMold trade fair, which opens its doors on November 29, 2011 in Frankfurt.

We look forward to seeing you!

Prof. Fritz Klocke

Prof. Günther Schuh

## Registration fee

The registration fee is 455,- € per person. Members of the WBA Werkzeugbauakademie are charged 320,- € per person.

The registration fee covers all the lectures, the conference transcript, refreshments during the conference, drinks at the reception, dinner and beverages as well as a voucher for entry to the EuroMold 2011 trade fair that begins November 29 in Frankfurt. The postmark or date of faxing counts as the registration date.

## Registration

To register, please fill out, sign and send the attached registration form by post or by fax to the address/fax number given by November 11, 2011. Should you cancel before November 4, we will refund the registration fee minus an administrative charge of 100 €. It will not be possible to refund conference fees after this date, but you can send a substitute participant at no extra charge.

## Confirmation

Once we have received and processed your registration form, you will receive confirmation, directions for getting to the colloquium, an invoice and voucher for entry to EuroMold 2011.

## REGISTRATION FORM

**Colloquium “Tool and die making for the Future”  
November 28, 2011, Kurhaus Wiesbaden**

I will be taking part in the 11<sup>th</sup> International Colloquium “Tool and die making for the Future” and accept the conditions as stated. The number of participants is limited. Please register by November 11, 2011.

Surname\* \_\_\_\_\_

Name\* \_\_\_\_\_

Title \_\_\_\_\_

Company/Institute\* \_\_\_\_\_

Department \_\_\_\_\_

Street/PO Box\* \_\_\_\_\_

Zip code/Town/Country\* \_\_\_\_\_

Phone\* \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

\*Required information

I agree that my name and business address will be included in the published list of participants and electronically processed and stored for organizational purposes.



### **The colloquium**

The international "Tool and die making for the Future" colloquium has become a central meeting point in the industry's calendar. The event offers companies practical recommendations in a compact form to enable them to compete successfully in the long-term. The lectures at this year's colloquium are held by renowned experts from the best companies of the tool and die making industries and from our research institutes with the aim of providing you with first-hand examples on how to succeed.

### **The competition**

The "Toolmaker of the Year 2011" award ceremony is the eagerly awaited finale to the colloquium and the "Toolmaker of the Year" competition. As a colloquium participant, you have the opportunity to personally meet the winners in each category as well as the overall winner. The competition is supported by our media partners VDI nachrichten and the trade journal werkzeug & formenbau. The competition is also sponsored by Uddeholm Tooling AB, Böhler Deutschland, HASCO Hasenclever GmbH + Co KG and DEMAT, the organizers of the EuroMold trade fair.

# LECTURES



**13:30 Welcome and introduction**

Chaired by Prof. Dr.-Ing. Günther Schuh, Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

**13:45 The modular tool-kit**

Prof. Dr.-Ing. Günther Schuh, Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

**14:15 Quality as a promise: Challenges for tool and die makers**

Martin Friedemann, Design Communication, Audi AG

**14:45 Achieving reductions in the start-up phase of forming tools via of lean business processes**

Dr.-Ing. Winfried Blümel, COO, Progress-Werk Oberkirch AG

**15:15 Lean management in tool manufacturing – Success factors in the adaptation of methods used in mass production**

Roland Fuchs, Director Tool Manufacturing, Keiper GmbH & Co. KG

**15:45 Coffee break**

**16:15 Multiple cavity injection moulding tools – High-tech for the global market made in Germany**

Michael Schmidt, Sales Manager Injection Moulding Tools, Zahoransky Formenbau GmbH

**16:45 Use of ceramic active elements in cutting dies**

Dr.-Ing. Björn Schunck, Manufacturing Development Manager, CeramTec GmbH, Plochingen

**17:15 Wear protection via selective tool geometry and active surface optimization**

Prof. Dr.-Ing. Fritz Klocke, Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

**17:45 Summary and outlook**

Prof. Dr.-Ing. Günther Schuh, Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

## EVENING PROGRAM



- 19:00 Admission, champagne reception
- 19:30 Welcome speech
- 19:45 Dinner
- 21:15 "Toolmaker of the Year 2011" award ceremony
- 23:00 End of official program

The winner of the "Toolmaker of the Year 2011" award is selected by the jury, which consists of the following members:

### **Government**

Werner Rissing, Under Secretary, German Federal Ministry of Economics and Technology

### **Industry**

Dr.-Ing. Peter Klaus Kirner, Chair of Executive Board,

Thyssen Krupp Gerlach GmbH

Dr.-Ing. Rolf-A. Schmidt, Benteler Rothrist AG

Lutz Weisbecker, former Managing Director,

Joh. Heinr. Bornemann GmbH

Prof. Dr.-Ing. Carl-Dieter Wuppermann,

Managing Director cdwuppermann innovation + strategy CDWIS

### **Trade associations**

Hans-Georg Frischkorn, Managing Director, VDA

Dr.-Ing. Willi Fuchs, Director, VDI

Dr.-Ing. Wolfgang Sengebusch,

Managing Director, VDMA Precision Tool-Making

### **Science**

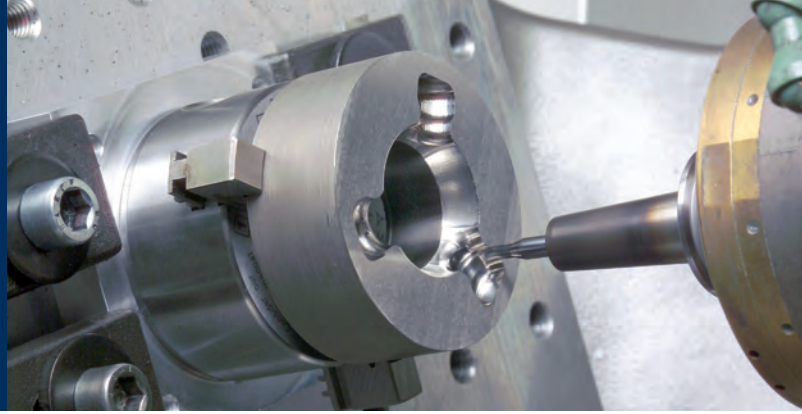
Prof. Dr.-Ing. Dr.-Ing. E.h. Dr. h.c. Dr. h.c. Fritz Klocke,

Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

Prof. Dr.-Ing. Dipl.-Wirt. Ing. Günther Schuh,

Director of the WZL of the RWTH Aachen and the Fraunhofer IPT

# RESEARCH, CONSULTING AND TRAINING



The Laboratory for Machine Tools and Production Engineering WZL of the RWTH Aachen and the Fraunhofer Institute for Production Technology IPT provide companies, suppliers and customers of the tool and die making industry with comprehensive technological solutions that will help them to successfully master a wide range of challenges.

Our success is partly based on our independent benchmark database – the largest in the world – exclusively for the tool and die making industry, which covers the entire process chain with over 150 current and anonymous data sets. Tool and die making companies have the opportunity to compare themselves anonymously to their competitors and identify individual strengths and weaknesses using clear performance indicators.

We bundle our competences for the industry in the new tooling academy, the WBA Aachener Werkzeugbau Akademie GmbH. Our offer is completed by wide qualification programs for employees and executive.

Further information: [www.werkzeugbau-akademie.de](http://www.werkzeugbau-akademie.de).

Numerous research projects and individual consultancy projects benefit from our years of experience. We are the ideal partner for companies aiming to determine their position in the market – and build on it.

## **Our offer in brief**

- Technology selection, use and optimization
- Strategy selection and implementation
- Training and education
- Benchmarking
- “Tool and die making for the Future” colloquium
- “Toolmaker of the Year” competition

# REGISTRATION AND PARTICIPATION

## **Conference date**

November 28, 2011

## **Conference venue**

Kurhaus Wiesbaden

Kurhausplatz 1

65189 Wiesbaden

Germany

Phone +49 611 1729290

kurhaus@kurhaus-wiesbaden.de

## **Conference languages**

The presentations and the award ceremony will be held in German and simultaneously interpreted into English.

## **Accommodation**

For hotel reservations, please contact:

Wiesbaden Tourist Information

Marktplatz 1

65183 Wiesbaden

Germany

Phone +49 611 1729777

Fax +49 611 1729798

tourist-service@wiesbaden.de

www.wiesbaden.de