

# Announcement of Conference and Call for Papers



## 12<sup>th</sup> RoundTable SIMULATION IN BULK METAL FORMING TECHNOLOGY

SEPTEMBER 27<sup>TH</sup> TO 30<sup>TH</sup> 2010, WELCOME HOTEL BAMBERG, GERMANY

15 YEARS SIMUFACT – SIMULATING MANUFACTURING 1995-2010

Dear customers and interested visitors in forming technology,

We are pleased to invite you to this year's 12<sup>th</sup> international RoundTable *Simulation in Bulk Metal Forming Technology* which will take place at the Welcome Hotel in Bamberg, Germany. This year, our traditional event is marked by two specifics: firstly we look back on 15 years of successful company history and use the RoundTable event as an occasion to celebrate our anniversary:

### **“15 years Simufact – Simulating Manufacturing 1995-2010”.**

Secondly, the RoundTable will be organized as an international event for the first time and we are glad to welcome many of our international customers to the beautiful countryside of Franconia, Germany. The official languages of the conference will be German and English, simultaneous translation into both languages will be provided.

The international orientation of the 12<sup>th</sup> RoundTable offers to our customers and interested visitors worldwide the opportunity to learn more about applications in different fields and to establish transnational contacts. Our yearly based Users Conference is exclusively dedicated to simulation in bulk & sheet metal forming particularly with regard to software users and the management. Participants always appreciate the high level of practical approach.

A rich variety of lectures, this year extended over 2 full days, interesting evening events – amongst others taking place in the historical “Zehntscheune” and in the „Knight’s Hall“ of the Castle Altenburg in Bamberg – where you can meet face to face, exchange information and experiences.

Additional different plant tours to showing first hand industrial application of process simulation will enrich the 12<sup>th</sup> RoundTable in Bamberg.

An interesting social program will provide your accompanying person some unforgettable days in the wonderful region of Franconia.

We are looking forward to seeing you in Bamberg!

MICHAEL WOHLMUTH  
Managing Director  
simufact engineering gmbh

DR. HENDRIK SCHAFSTALL  
Managing Director  
simufact engineering gmbh



# Call for Papers

We invite you to contribute to the success of the 12<sup>th</sup> RoundTable by presenting your work with Simufact forming. We are looking forward to interesting papers in the field of:

...Process Simulation

...Simulation- , Project-Management

...Hot Forging

...Cold Forming

...Rolling

...Sheet Metal Forming

...Open Die Forging, Radial Forging

...Mechanical Joining

...Microstructure Simulation / Material

The presentation should not be longer than 20 minutes, followed by 10 minutes for Q&A's and a concluding discussion. The papers will be handed out to the participants on an USB memory key (with your previously given approval) as well as published in our conference proceedings. A number of co-authors for one paper is accepted. The conference fee for the presenting speaker is waived. A named co-author, who wishes to attend the conference, will be charged half of the conference fee (€ 240). Further co-authors cannot be discounted.

## COMPANY PRESENTATION AT THE 12<sup>TH</sup> ROUNDTABLE

You will have the opportunity to present your company in the accompanying exhibition or to advertise in the conference proceedings.

### Requests and further information, also for the accompanying exhibition

Via email to [roundtable@simufact.de](mailto:roundtable@simufact.de) or please contact Ms. Heidi Dieckmann via phone +49 (0) 40-790162-0.

## IMPORTANT DATES AND INFORMATION ABOUT THE 12<sup>TH</sup> ROUNDTABLE IN BAMBERG, GERMANY

### July 12<sup>th</sup> 2010

- Early bird registration option ends.
- Deadline for paper title, speaker and abstract name should be submitted (max ½ page - A4)  
Keywords via email to [roundtable@simufact.de](mailto:roundtable@simufact.de) or via Fax by attached form.

### July 23<sup>th</sup> 2010

- Confirmation about paper acceptance will be sent.
- Simufact sends speaker information to the author.

### August 31<sup>th</sup> 2010

submission of the final paper in PDF- or PPS- format  
via email to: [roundtable@simufact.de](mailto:roundtable@simufact.de)

### September 3<sup>rd</sup> 2010

- Please submit speaker picture (3 x 3,5 cm; 300 dpi) and a resume sheet, as well as the permission to print your article  
*(Please use the attached form, received together with the acceptance of your lecture).*
- Deadline for submitting the advertisement for the conference proceedings.  
Please submit via email to [roundtable@simufact.de](mailto:roundtable@simufact.de)

Arrival Monday, Sept. 27<sup>th</sup> 2010 at 7.00 pm **GET TOGETHER** Welcome Hotel

|   |  |
|---|--|
| 8:45  | <b>WELCOME</b><br><b>Michael Wohlmuth</b> <i>Managing Director, CEO, simufact engineering gmbh</i>   |
| 8:55  | <b>GREETING OF LORD MAJOR OF CITY OF BAMBERG</b><br><b>Andreas Starke</b> <i>Lord Major</i>  |
| 9:05  | <b>15 YEARS SIMULATING MANUFACTURING</b><br><b>Michael Wohlmuth</b> <i>Managing Director, CEO, simufact engineering gmbh</i>   |
| <b>SESSION: MANAGEMENT</b>                                |  |
| 9:30  | <b>Conference Keynote</b><br>Beyond the Crisis 2009: Changed Conditions for the Whole Supplier Industry<br>(German language presentation)*<br><b>Dr. Thomas Herlan</b> <i>Managing Director, HERLANCO international metalworking network</i> |
| 10:10   | <b>Forging Trends in Europe</b> (German language presentation)*<br><b>Dr. Lutz Tutmann</b> <i>Managing Director, Euroforge, Industrieverband Massivumformung (IMU)</i>   |
| 10:35   | <b>PRACTICE VS. SIMULATION - AN ANTAGONISM?</b> (German language presentation)*<br><b>Willy Kretz</b> <i>Managing Director, Alutec Metallwaren GmbH &amp; Co. KG</i>   |
| 11:00   | <b>COFFEE BREAK, EXHIBITION</b>  |
| <b>SESSION: INCREMENTAL FORMING</b>                       |  |
| 11:25   | <b>Session Keynote</b><br>Development of the Digital Engineering System in Incremental Hot forging<br><b>Dr. Hiroaki Yoshida</b> <i>Manager, Daido Steel Co. Ltd.</i>  |
| 11:55   | Customer Application   |
| 12:20   | Customer Application   |
| 12:45   | <b>LUNCH BREAK</b>   |
| <b>SESSION: MATERIALS &amp; MICROSTRUCTURE SIMULATION</b> |  |
| 14:15   | <b>Session Keynote:</b><br>Recent Developments of Simufact.material Based on MATILDA Technology<br>(German language presentation)*<br><b>Dr. Alexander Borowikow</b> <i>Managing Director, GMT mbH</i>                                       |
| 14:45   | Customer Application   |
| 15:10   | Customer Application   |
| 15:35   | <b>COFFEE BREAK, EXHIBITION</b>  |
| <b>SESSION: MACHINES &amp; PERIPHERAL</b>                 |  |
| 16:00   | <b>Session Keynote:</b><br>Cold Forming Simulations with Simufact.forming: Effective Support to VPD (Virtual Product Development) of Special Machines<br><b>Luca Invernizzi</b> <i>President, Invernizzi Presse</i>                          |
| 16:30   | Partner Presentation   |
| 16:55   | Partner Presentation   |
| 17:20   | <b>EXHIBITION / POSTER SESSION</b>   |
| 19:30   | <b>DINNER EVENT (Franconian buffet) in the historical "Zehntscheune"</b>   |

\* simultaneous translation will be provided

## SESSION: COLD FORMING

|       |  |
|-------|--|
| 8:30  | <b>Session Keynote</b><br>NN   |
| 9:00  | Customer Application   |
| 9:25  | Customer Application   |
| 9:50  | <b>Simufact Presentation</b><br>Optimizing Manufacturing Processes with Simufact.forming: New Possibilities of the Cold Forming Simulation (German language presentation)*<br><b>Dr. Christian Barth</b><br><i>Assistant Techn. CTO, simufact engineering gmbh</i> |
| 10:15 | <b>COFFEE BREAK, EXHIBITION</b>  |

## SESSION: HOT FORGING

|       |   |
|-------|---|
| 8:30  | <b>Session Keynote</b><br>The Forging Industries in Americas<br><b>Arjaan Buijk</b> <i>Managing Director, Simufact-Americas LLC</i>   |
| 9:00  | Customer Application  |
| 9:25  | Customer Application  |
| 9:50  | <b>Simufact Presentation</b><br>Decoupled Simulation of Die-Stress: A valid Tool for Optimization of Forging Processes? (German language presentation)*<br><b>Andreas Hagen</b><br><i>Director Hot Forging, simufact engineering gmbh</i> |
| 10:15 | <b>COFFEE BREAK, EXHIBITION</b>   |

## SESSION: SHEET METAL FORMING

|       |  |
|-------|--|
| 10:45 | <b>Session Keynote</b><br>Design Robustness and Process Capability using 6 Sigma and Simufact.forming<br><b>Dr. Kunding Wang</b> <i>Principal FEA Analyst, Schaeffler Group USA Inc.</i>   |
| 11:15 | Customer Application   |
| 11:40 | Customer Application   |
| 12:05 | <b>Simufact Presentation</b><br>Integrated Chained Simulation Approach - State of The Art Process Simulation (German language presentation)* <b>Dr. Hendrik Schafstall</b> <i>Managing Director &amp; CTO, simufact engineering gmbh</i> |

## LUNCH BREAK

## SESSION: SOFTWARE

|       |  |
|-------|--|
| 14:00 | <b>Simulation Everywhere – The Next Decade of CAE</b><br><b>John Janevic</b> <i>Vice President Strategic Operations, MSC Software Corporation</i>      |
| 14:25 | <b>Roadmap Simufact.forming</b><br><b>Dr. Hendrik Schafstall</b> <i>Managing Director &amp; CTO, simufact engineering gmbh</i>                         |
| 14:55 | <b>Improvements in Simufact.forming?</b><br>An overview<br><b>Dr. Hendrik Schafstall</b> <i>Managing Director &amp; CTO, simufact engineering gmbh</i> |

## COFFEE BREAK, EXHIBITION

## TECHNICAL SESSION

|       |   |
|-------|---|
| 15:45 | <b>New Functionalities in Detail</b><br><b>Tips &amp; Tricks</b><br><b>Dr. Hendrik Schafstall</b> <i>Managing Director &amp; CTO, simufact engineering gmbh</i> |
| 17:15 | End of 12 <sup>th</sup> RoundTable  |
| 19:30 | <b>DINNER AT CASTLE ALTENBURG</b>   |

Thu, September 30<sup>th</sup> **PLANT TOUR** to metal forming companies of the region

\* simultaneous translation will be provided



## MAIN FOCUS AND PARTICIPANT'S PROFILE OF THE ROUNDTABLE

The range of applications in forming simulation is large: hot forging, cold forming, rolling, sheet metal forming as well as mechanical joining guarantee an interesting and informative agenda of the yearly based RoundTable. Users from industry and young academics will exchange their experiences and ideas on how to optimize their forming processes with the help of simulation software.

After the official part of the conference, Simufact will be presenting a „Technical Session“, during which new functions and features of Simufact.forming will be discussed. The attendees will have the opportunity to meet the staff of Simufact and to discuss directions, future development needs and industry trends.

## INFORMATION ON BAMBERG

Bamberg - since 1993 world heritage site of the Unesco world culture legacy - is a historical and at the same time vital and young at heart town. Tradition and progress are combined in harmony. Bamberg is not only an historic, architectural and urban universal artwork, but with 70.000 inhabitants it is also a vital center of its region. Bamberg is a town of art and culture, sports and with its various schools and the university a center of education. Bamberg, being a bishop-, justice-, congress- and conference town, a gardening town and Franconian center of beer brewery, offers a high quality of life and is, with about 50.000 jobs and a large commuter belt area, an important industrial center in Bavaria. Less than 100 kilometers away you can visit other historical cities worth seeing like Würzburg, Nürnberg and Bayreuth. They offer multiple historic sites and shopping facilities. Bamberg is also embedded in nature parks like "little Switzerland", Haßberge Hills and Steigerwald.

## GENERAL INFORMATION ON THE 12<sup>TH</sup> ROUNDTABLE

Application Fee: € 480,-  
Early Bird Option: € 360,-

## CONFERENCE LOCATION AND HOTEL ACCOMMODATION

WELCOME HOTEL BAMBERG  
Mußstrasse 7  
96047 Bamberg, Germany  
Tel: +49 (0) 951-7000-0  
[www.welcome-kongresshotel-bamberg.de](http://www.welcome-kongresshotel-bamberg.de)

## HOTEL ACCOMMODATION

Different hotels close to the conference location at special conference conditions are available by naming "Simufact".

- WELCOME Kongresshotel Bamberg (Conference location), phone: +49 (0) 951-7000-0, single room per night € 97,- ; double room per night € 107,- incl. breakfast
- Residential Castle Bamberg (directly connected to venue), phone +49 (0) 951-7000-0, single room per night € 119,- incl. breakfast
- Best Western Hotel Bamberg, phone +49 (0) 951-510900, single room per night € 80,- incl. breakfast
- Weierich guesthouse/hotel Bamberg, phone +49 (0) 951/91700777, single room per night € 60,- incl. breakfast

For an accommodation according to your requests please book no later than August 27<sup>th</sup> 2010.

# Registration

**For the 12<sup>th</sup> RoundTable Simulation in Bulk Metal Forming Technology in Bamberg, Germany**  
September 27<sup>th</sup> to 30<sup>th</sup> 2010, WELCOME Kongress Hotel Bamberg, Mußstrasse 7, 96047 Bamberg, Germany.

Please fill out the registration form and send it online or via fax to +49 (0) 40 – 790162-22 **before July 12<sup>th</sup> 2010.**

- Yes, I would like to register for the 12<sup>th</sup> RoundTable. The conference fee is 360,- Euro (early bird option). (Please use a separate application form for each participant.)
- Yes, I would like to register for the 12<sup>th</sup> RoundTable at the university conditions. The conference fee is 240,- Euro. (Please use a separate application form for each participant.)
- I am interested in a booth at the partner trade show. Please contact me.
- I would like to register for the 12<sup>th</sup> RoundTable as a speaker. The conference fee is waived.
- I would like to register for the 12<sup>th</sup> RoundTable as a co-author. The conference fee is 240,- Euro.
- I / we will attend the evening event
- "Get Together", September 27<sup>th</sup>,  
 at the "Zehnscheune", September 28<sup>th</sup>,  
 at the castle Altenburg, September 29<sup>th</sup>.
- I will participate in the plant tour, September 30<sup>th</sup>.

Title of Paper (For your abstract and keywords please use a separate paper.)

Company

Title, Name, First Name

Department

Address

Country, Zip Code, Town

Phone / Fax

Email

Date, Signature



You will receive more information about the event, your registration confirmation and a map of the location after successful registration. If you have questions about the event, please contact Mrs. Heidi Dieckmann, phone: +49 (0) 40 79 01 62-0.

## Terms and Conditions

Please note that the invoice has to be paid within 14 days after reception. You will receive the invoice together with your registration confirmation. In case of cancellation up to 10 days prior to the event, we will charge 75% of the conference fee. Any later cancellation as well as non attendance at the event will be charged at the full rate. A substitute attendee from the same company can be named at any time.