Scope

The success of our last year's IDDRG conference demonstrated that the research in the field of ultrahigh-strength steel is of great importance. Especially the large amount of industrial participants proves the relevance of this topic for the economy. Due to that fact we would like to meet your expectations with our new conference „Tools and Technologies for Processing Ultra High Strength Materials“ from 19th – 21st of September. We want to provide a forum for a productive exchange between science and industry. Therefore we cordially invite you to round up the conference program with your contribution. This can be done with either a “scientific paper” or an “industrial presentation”. In any case we are looking forward to welcoming you in Graz.

Venue

Graz is situated in the south-east of Austria and is the capital of Styria, a region famous for its wine yards. In 2003 Graz was Cultural Capital of Europe but apart from its cultural heritage the city has a long industrial tradition. Automotive suppliers are located in the region which is reflected in the scope of the Graz University of Technology and in particular in the research work of The European Institute Tools and Forming.

Contact

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Conference Topics

Materials
- high-performance steel
- aluminum
- coatings

Cold Forming
- process limits
- spring back
- parts complexity

Trimming
- tool wear
- economical limits
- laser cutting

Hot Stamping
- process optimization
- tool design
- heating technologies

Simulation
- material models
- spring back prediction
- micro structural effects

Tool Technologies
- tool wear
- tool materials
- surface & heat treatment

Call for Contributions

We offer the possibility to contribute with a reviewed paper which will be published in the conference proceedings or with an industrial presentation. The industrial presentations will be published on CD.

Abstracts

A one-page overview of the presentation or paper plus a key figure or table should be submitted through the conference website at www.toolsandforming.com. Abstracts are required for all contributions.

Papers

Full papers up to 8 pages in length. Please use the template on the conference website.

Attendance

At least one author of a contribution must attend the conference to be included in the program or proceedings. A paid registration must be submitted by the deadline.

Deadlines

Submission of abstracts December 07, 2010
Notification of acceptance by January 30, 2011
Full papers April 30, 2011
Review until July 15, 2011
Final paper July 31, 2011
For publication and presentation, registration by at least one author is required April 30, 2011

Registration Fees

The registration fee is 760 EUR (850 after April 30, 2011) which includes the technical visit, conference proceedings, lunches and all events.

Call for Sponsors

In addition to the conference, there will be a small number of exhibition stands available. There will also be a variety of corporate sponsorship opportunities possible, which will offer substantial promotion and publicity for your organisation. If you are interested in receiving details of the exhibition or sponsorship opportunities please contact our conference secretary.
Monday, 19 September 2011

08:30-09:15 Registration
09:15-10:15 Opening Ceremony
10:15-11:10 Keynote 1: Prof. Ralf Rolle; formerly Daimler AG
11:10-11:45 Keynote 2: Prof. Dr. Pavel Horna
11:45-12:30 Lunch
13:30-14:15 Partner 1: Per Josefsson; APET
14:15-15:00 Partner 2: Harald Lehmann; Schwartz GmbH
15:00-15:55 Partner 3: Lothar Griessner; Schuler SRM
15:55-16:50 Partner 4: Ph.D. Martin Siklenka; ESI
16:50-19:00 Poster Sessions: Simulation/CAE 1

Tuesday, 20 September 2011

09:00-10:15 Keynote 3: Helmut Friedrich; TU Graz
10:15-11:10 Keynote 4: Dr. Ralf Kukla
11:10-12:00 Keynote 5: Prof. Dr. Karl Roll; Daimler AG
12:00-13:00 Lunch
13:30-15:00 Keynote 6: Prof. Dr. Pavel Horna
15:00-16:00 Keynote 7: S. Dhananjay Kumar; KLT Automotive, India
16:00-17:00 Keynote 8: Prof. Dr. Karl Rolle; formerly Daimler AG
17:00-18:00 Keynote 9: Robert Veit; TU Graz
18:00-19:00 Keynote 10: Thomas Thülig; Bilstein Kaltband
19:00-20:00 Keynote 11: Per Josefsson; APET

Wednesday, 21 September 2011

09:30-10:10 Keynote 8: Robert Veit; TU Graz
10:15-11:10 Keynote 9: Dr. Joachim Schulz; WISURA
11:10-12:00 Keynote 10: Per Josefsson; APET
12:00-13:00 Lunch
13:30-16:00 Technical Tours:
Tour 1: Magna Steyr, production plant Mini Countryman
Tour 2: Magna Preiser, press plant
Tour 3: Frank Strochnau Institute, Graz University of Technology