



chs²-NetNews | No. 3 | November 1st, 2011

Dear Colleague,

The demand for hot sheet metal forming technology has steadily increased and, pulled by strong international driving forces such as environment and safety. We are now experiencing not only a remarkable growth in automotive applications but also an increase of number of people involved into this technology on a global scale. Opportunities for technological exchange and, therefore, actual meeting points are more important than ever. We are convinced that you all agree that CHS² events and activities actually constitute the most renowned platform for such exchange. Therefore, don't miss the upcoming events in the near future!

Kurt Steinhoff,
Mats Oldenburg,
Braham Prakash

CHS² 2011 – BIGGEST EVENT ON PRESS HARDING TECHNOLOGY SO FAR!



In June this year the 3rd International Conference on Hot Sheet Metal Forming of High-Performance Steel took place in Kassel, Germany. Among the multiple topics addressed by this conference, the main focus this time was clearly directed towards tailored properties, heating + cooling, tools + dies, parts + processes, coatings + corrosion and modeling + simulation. During four conference days 230 people of 18 nationalities from both academia and industry participated.

Due to the large interest, and the number of contributions, the presentations were split into two conference halls. The opening speech of Hans Eichel (German Federal Minister of Finance ret'd., GER) concerned the opportunities and challenges for companies in the fast growing market of press hardening as well as the importance of research and development. As a total the conference accommodated 56 interesting presentations in a total of 18 sessions. Many of the contributions conveyed research and results regarding different aspects of the fast emerging technology resulting in components with tailored properties. The papers are published in the conference proceedings.



QUALIFICATION AND TRAINING PROGRAM

Due to the increasing demand for specific training and qualification in the field of Hot Sheet Metal Forming Technology, CHS² decided to establish a cooperation with the GRUNDIG AKADEMIE as one of the internationally most renowned institutions in postgraduate training.

Since 2010 a special seminar line-up exclusively dedicated to press hardening and hot stamping technology was successfully developed. Pursuant to the diversity of qualification requirements in the relevant industry, this specific seminar program includes a Master Class on Hot Sheet Metal Forming Technology, Intensive Trainings in Press Hardening and Regional Seminars. Also the International Seminar on Hot Sheet Metal Forming Technology, traditionally organized in the course of the EuroBLECH fair in Hanover, Germany, will be continued in October 2012 under this framework. The overall performance and the variety of methods of the seminars are designed in an easy to understand format for effective training.

For further information please refer to:
Qualification and Training Program

**3rd International Conference on Hot Sheet Metal Forming of High-Performance Steel
CHS² 2011**



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„Innovation in hot sheet metal forming was mainly driven by only a few pioneers.“



Quotes from CHS² 2011 opening speech held by Hans Eichel, German Federal Minister of Finance retd., GER



„Hot forming cannot and will not remain a “closed shop” for a limited number already involved “customers.“

„The real challenge right now is to keep up-front in this ongoing global race.“



„Market forecast, technological trend scouting and risk analysis constitute an indispensable source for the development of sustainable strategies.“

„Since hot forming finally is a knowledge driven technology, the availability of human resources and access to adequate qualification and training becomes crucial.“



„Your particular field of technology has reached a dimension where well-conceived and clever strategies are absolutely inevitable for being competitive.“





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PROCEEDINGS

The proceedings of the 1st, 2nd and 3rd International Conference on Hot Sheet Metal Forming of High-Performance Steel can be ordered via: <http://chs2.eu/Order.769.0.html>



2008: 1st International Conference Proceedings, 322 pp.

2009: 2nd International Conference Proceedings, 358 pp.

2011: 3rd International Conference Proceedings, 528 pp.



VIDEO CHS² 2011

A short Video report from the 3rd International Conference on Hot Sheet Metal Forming of High-Performance Steel is online and available via:
Video CHS² 2011



4TH INTERNATIONAL CONFERENCE ON HOT SHEET METAL FORMING

The 4th International Conference on Hot Sheet Metal Forming will take place in Luleå, Sweden from June 9th to 12th, 2013

IMPORTANT DATES

1 st Announcement – Call for Papers:	March 2012
Abstract submission:	October 2012
Full paper submission:	February 2013
Revised paper submission:	April 2013




The World's No.1

2ND SEMINAR 2012

It has already become a tradition for CHS² to organize its International Seminar on Hot Sheet Metal Forming Technology in the course of the biannual International Sheet Metal Working Technology Exhibition EuroBLECH in Hanover. In contrast to the CHS² Conference Series, which addresses hot sheet metal forming technology from a more

scientific point of view, this seminar series is dedicated to industrial application of press hardening and/or hot stamping. The significant growth and ongoing globalization of technology actually makes it even more important than ever to continue this tradition also in the course of the upcoming EuroBLECH 2012. This time, however, jointly organized with the GRUNDIG AKADEMIE and with an extended line-up of presentations and contributions from the most renowned key players in industrial hot stamping technology.

 >> www.chs2.eu

>> For further Information, please visit www.chs2.eu
or feel free to contact us via: info@chs2.eu

IMPRINT

chs² | Chair of Metal Forming Technology | University of Kassel | Kurt-Wolters-Strasse 3 | D-34125 Kassel, Germany
phone: +49 (0)561 804 2871 | fax: +49 (0)561 804 2706 | info@chs2.eu | www.chs2.eu

Prof. Dr. Kurt Steinhoff, Prof. Mats Oldenburg, Prof. Braham Prakash

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