



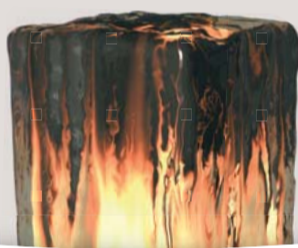
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Dear Colleague,

Only within a few years, press hardening has grown up to a real global business. The often hardly comprehensible and understandable variety of new product applications as well as new solutions in materials and process technology reveal high expectations on what is still to come in this particular field of technology. The more it actually seems indispensable to offer overview and also insight just to enable to distinguish between options and to recognize important trends. In that sense, we are even more convinced that CHS² platforms and networks have proven themselves as valuable source to stay competitive.

Kurt Steinhoff, Mats Oldenburg, Braham Prakash

CHS² – 2012



ZINC-COATINGS AND EFFICIENT PROCESSES ON FOCUS AT CHS² EUROBLECH SEMINAR 2012

This year's CHS² International Seminar, which will be held in the course of the International Sheet Metal Working Technology Exhibition EuroBLECH on 24 and 25 October in Hanover, Germany, again reveals latest developments in industrial press hardening technology. Within the two day programme consisting of 20 oral presentations given by key-players in the industrial press hardening scene, Zinc-based coatings for direct press hardening as well as brand new solutions for increased process efficiency are doubtlessly on focus.

Binding registration has to be done via fax formular on: www.grundig-akademie.de

CHS² – 2013



4TH INTERNATIONAL CONFERENCE ON HOT SHEET METAL FORMING OF HIGH-PERFORMANCE STEEL 2013

Take the opportunity to be were all the latest research and developments in the field of the press hardening technology are presented!

The fourth international conference on the topic of Hot Sheet Metal Forming of High-performance Steel, CHS² 2013, is arranged in **Luleå, Sweden, June 9 – 12, 2013**, the place where the technology of press hardening was once invented and industrialized. As the previous conferences in the series, CHS² 2013 will be the focal point for progress in the field of hot sheet metal forming. This forthcoming conference will be a forum for the hot forming community to meet and discuss the latest research and developments in the field of this steadily growing technology. Meet all the large players in the scene of hot sheet metal forming and discover the opportunities and findings in a continuously expanding market.

The City of Luleå welcomes all participants to a town surrounded by water, sunny skies and around-the-clock light summer nights. The airport is close to the city with hourly connections to Stockholm. During spare time you can visit attractions like Gammelstad Church Town, placed on the UNESCO world heritage list, take a tour on a boat and experience the Luleå archipelago or take a trip a short distance to the north to enjoy the midnight sun. Venue for the conference will be Kulturens Hus (House of Culture) located in central Luleå.

IMPORTANT DATES

1st Announcement – Call for Papers: March 2012
Abstract submission: October 2012

Full paper submission: February 2013
Revised paper submission: April 2013



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ACADEMIC NETWORKING

In September 2012 the first PhD course on Hot Sheet Metal Forming Technology has been jointly organized between the Universities of Erlangen-Nuremberg and Kassel in Germany and Luleå University of Technology in Sweden.



18 PhD students from all participating universities were able to follow lectures as well as laboratory internships and company visits specially dedicated to thermo-mechanical processing of heat-treatable steel. What, beyond all knowledge aspects, appeared to be even more important was just having the chance for an intensive exchange over a period of two weeks and, therefore, to benefit from each others experience.



PARTNERSHIPS IN EU PROJECTS



One of the envisaged aims of CHS² was from the very beginning and actually still is to establish and to promote cooperative research in the particular field of hot sheet metal forming technology. Therefore, it can be considered to be a real success that CHS² members were able to contribute to the development of several international project initiatives, which finally were accepted for funding within the research framework of the European Union. Among these, cooperative projects **Test Tool** (<http://testool.ctm.com.es>), **TailorTool** (<http://tailortool.ctm.com.es>) and **Zincobor** (<http://zincobor.ctm.com.es>) are particularly supported by the **RFCS – Research Fund for Coal and Steel** (<http://cordis.europa.eu/coal-steel-rtd>). In the different project consortia 10 partners from 7 European countries are involved, finally strengthening competitiveness in press hardening technology.



TRAINING AND QUALIFICATION – A HOT ISSUE!

Strongly supported by CHS², Grundig Akademie, one of the internationally most renowned institutions for postgraduate training (www.grundig-akademie.de), already started in 2010 to develop and introduce a differentiated portfolio of trainings, especially dedicated to press hardening/hot stamping technology. With its Intensive Training on Modelling and Simulation (Module B), the line-up recently could be completed. These highly specialized trainings, which are carried out under intensive involvement of experienced CHS² specialists, are in the meantime well accepted not only for new-comers in technology and markets but also for established players to support their global growth.

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

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