

New Developments in Sheet Metal Forming

Edited by
Mathias Liewald



INSTITUTE FOR METAL FORMING TECHNOLOGY
OF THE UNIVERSITÄT STUTTGART



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International Conference on "New Developments in Sheet Metal Forming"
in Leinfelden-Echterdingen (near Stuttgart) - Germany, on May, 9th and 10th 2006.

Conference Chairman: Prof. Dr.-Ing. Mathias Liewald MBA

Director of the Institute for Metal Forming Technology (IFU) of the Universität Stuttgart
in cooperation with:

The "Forschungsgesellschaft Umformtechnik mbH" (FGU, Stuttgart - Germany),

the "Industrieverband Blechumformung e. V." (IBU, Hagen - Germany).

and the "Deutschen Gesellschaft für Materialkunde e.V." (DGM, Frankfurt - Germany)

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Preface

The International Conference “New Developments in Sheet Metal Forming Technology” in Stuttgart / Germany is held every second year alternating with the International Conference “New Developments in Forging Technology”. Main goal of both conferences is to bring together engineers from industry and scientists from universities for a present discussion regarding state of the art, tendencies and future goals in research and development of metal forming technologies.

Within the scope of this two days conference, this is possible by focusing on special themes. These themes should encompass the investigations at the Institute for Metal Forming Technology (IFU) of the Universität Stuttgart for discussing the results with experts from all over the world.

The aim of this conference is the presentation and discussion of the state of the art and tendencies for identification of future research and development initiatives in such technologies.

Experts from both universities and industrial companies will present papers. Thus, an adequate mix of practical and theoretical contributions and papers will be provided.

Our conference key note is:

“Robust Processes”

especially on material dedicated design, process development, controlling and monitoring of sheet metal production processes. As before the conference is organised by the Institute for Metal Forming Technology (IFU) of the Universität Stuttgart in co-operation with the Association for Metal Forming Technology (Forschungsgesellschaft Umformtechnik mbH, Stuttgart/Germany) and the Deutsche Gesellschaft für Materialkunde e.V., Frankfurt/Main, Germany.

The aim of this conference is to bring together experts from industry and research institutes as well as potential customers for such products and solutions in order to evaluate the state of the art and future tendencies in this technology.

I would like to thank all authors for their contributions and especially the participants of the panel discussion on the second conference day for their effort. I am sure that this book constituting the papers presented at the conference will be dispatched and available to experts involved.

Sincerely yours

Prof. Dr.-Ing. Mathias Liewald MBA

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