

Mauermann, Reinhard

CURRICULUM VITAE

Date and place of birth: 05th of January 1956, Zittau; Germany
Nationality: German
Sex: Male
Marital status: Married to Ursula
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Academic education

09/1978 – 09/1984 TU Dresden Research Assistant; Department of Forming Technology
09/1974 – 08/1978 TU Dresden college student mechanical engineering, specialization forming technology

Scientific degrees

09/1985 Doctoral degree, TU Dresden
07/1978 Dipl.-Ing. degree; TU Dresden

Professional career from graduation

01/2017 Guest professor, Hochschule Zittau/Görlitz
since 12/2012 Head of department joining; Fraunhofer IWU Dresden
since 04/2000 Research employee metalforming; Fraunhofer IWU Dresden
01/1997 – 03/2000 Research assistant metalforming; TU Dresden
08/1994 – 12/1997 Project engineer; metal systems; company Carea, France
11/1990 – 07/1994 Project engineer; sheet metal machines; company Beyeler; Switzerland
01/1987 – 10/1990 Head sheet metal working; VEB Robotron Dresden
10/1985 – 12/1986 Development engineer, Schraubenkombinat Karl-Marx-Stadt
09/1978 – 09/1984 Scientific assistant; forming technologies; TU Dresden

Résumé

Reinhard Mauermann grew up in the agricultural business of his parents, attended school between 1962 and 1974 and studied mechanical engineering at the Dresden University of Technology from 1974 to 1978. He has experience in the automotive process chain from metal forming technology to cold joining technology and welding to assembly with the acquisition / processing of data and the response to complex requirements in the production process. Hobby is rock climbing.

Publications

- [1] Neugebauer, R.; Jesche, F.; Mauermann, R.; Hensel, S.: Erratum to: Stiffness analysis of spot joints as a condition for the numeric modelling - new test methods; International journal of material forming (2011), ISSN: 1960-6206
- [2] Kroll, L. ; Müller, S. ; Mauermann, R. ; Grützner, R.: Strength of self-piercing riveted joints for CFRP/Aluminium sheets. Korean Society for Composite Materials – KSCM-18th International Conference on Composite Materials, ICCM 2011 Jeju/Korea
- [3] Mauermann, R.: Synchroziehen - Tiefziehen mit Schwingungsüberlagerung; Konferenz „Neue hochfeste und hybride Materialien - Probleme in der Blechverarbeitung“, 15th November 2011, Prag
- [4] Mauermann, R.: Novel technologies for mixed material construction - forming, joining, assembling; Elmia Welding and Joining Technology; May 8, 2012, Jönköping
- [5] Neugebauer, R.; Wahl, M.; Schulz, F.; Schützle, W.; Werner, St.; Bernhardt, O.; Mauermann, R.: Predicting dimensional accuracy of laser welded aluminum add-on body parts; ISBN: 978-3-03785-671-0; SheMet 2013, Belfast
- [6] Kriechenbauer, S. ; Mauermann, R. ; Muller, P.: Deep drawing with superimposed low-frequency vibrations on servo-screw presses; Procedia Engineering 81 (2014), S.905-913
ISSN: 1877-7058; ICTP 2014, Nagoya
- [7] Kriechenbauer, S., Mauermann, R. ; Landgrebe, D.: Deep drawing with local hardening on digital multi-axis servo press; Acta metallurgica sinica 28 (2015), Nr.12, S.1490-1495; ISSN: 1006-7191; IDDRG Conference, 2015, Shanghai
- [8] Mauermann, Reinhard; Jäckel, Mathias: Developments in mechanical joining of materials with limited ductility; Conference "Joining in Car Body Engineering" 2015, Bad Nauheim
- [9] Ackert, P. ; Schwarz, C.; Mauermann, R. ; Landgrebe, D.: Tolerances and measuring strategies in the virtual process chain for spot welded structures; ISBN: 978-3-03835-616-5; WGP Congress, September 7-8, 2015, Hamburg
- [10] Mauermann, R. ; Landgrebe, D. ; Kriechenbauer, S.: Application of pulsation in deep drawing and press hardening processes; Advanced Metal Forming Processes in Automotive Industry, AutoMetForm 28-29 June 2016, Wroclaw, Poland

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