

PERSONAL INFORMATION

Family name, First name: Merklein, Marion
Nationality: German
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EDUCATION

- 26/07/2006 Habilitation (Dr.-Ing. habil.) with Venia Legendi in production technology
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg / Institute of
Manufacturing Technology (LFT) / Germany
“Characterisation of Sheet Metals for Light Weight Constructions”
- 28/05/2001 PhD of Mechanical Engineering
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg / Institute of
Manufacturing Technology (LFT) / Germany
“Laser forming of aluminium alloys - influencing of microstructure and mechanical
properties”
- 25/09/1997 Diploma in Material Science
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg / Germany
“Cyclic work hardening and fatigue behaviour of metals at temperatures between -100 °C
and +150 °C”

AFFILIATIONS

- Since 2008 Professor of Manufacturing Technology (W3)
Faculty of Engineering / Maschinenbau / Friedrich-Alexander-University Erlangen-
Nürnberg / Institute of Manufacturing Technology (LFT) / Germany
- 2001 – 2008 Senior manager for sheet metal forming
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg /
Institute of Manufacturing Technology / Germany

INSTITUTIONAL RESPONSIBILITIES

- 2011 - 2015 Dean
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg /
- 2010 – 2011 Vice-Dean
Faculty of Engineering / Friedrich-Alexander-University Erlangen-Nürnberg /

AWARDS

- 2013 Gottfried Wilhelm Leibniz Award from the DFG / Germany
- 2009 SAE/AISI Sydney H. Melbourne Award for Excellence in the Advancement of Automotive Sheet Steel / USA
- 2007 Otto-Kienzle Medal of the German Academic Society for Production Engineering (WGP) / Germany
- 2006 Ring of Honor received from the German Society of Engineers (VDI) / Germany
- 2004 Heinz-Maier-Leibnitz Award received from the German Research Society (DFG) / Germany
- 2002 Dissertation Award received from Faculty of Engineering of FAU / Germany

LECTURE

- Since 2008 Professor – Production technology and Forming technology
- 2011, 2015 Coordination of SMART Summer School

ORGANISATION OF SCIENTIFIC COLLABORATIONS

- Since 2009 Coordinator of the Transregional collaborative research center on sheet-bulk metal forming (TR73)
- 2006-2011 Coordinator of the research group DFG FOR552 on fundamentals of hot stamping /

ORGANISATION OF INTERNATIONAL CONFERENCES

- 2008 – 2015 Workshop Hot stamping
- 2015 SheMet
- 2013 - 2014 WGP Congress
- 2013 Esaform

COMMISSIONS OF TRUST

Member of editorial board

- Since 2012 Journal of Materials Processing and Technology
- Since 2012 Production Engineering - Research and Development
- Since 2014 Editor of Journal Production Engineering - Research and Development

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- Since 2015 Fellow, CIRP International Academy for Production Engineering (CIRP)
- 2009 - 2015 Associate Member, International Academy for Production Engineering (CIRP)
- Since 2015 Member of acatech, BBAW and Leopoldina
- Since 2012 Member, German Academic Society for Production Engineering (WGP)
- 2001 – 2010 Member, DFG Collaborative Research Center (SFB) 396
- Since 2008 Elected Member, German Forming Society (AGU)
- Since 2001 Applicant of grants, German Research Foundation (DFG)

INTERNATIONAL COLLABORATIONS

Different universities worldwide, e.g. TU Graz, IIT India, University of Stockholm, University of Palermo and others within CIRP

PATENTS

7 patents

PUBLICATIONS

Publication Summary

Total Citations from Database Scopus: 2142

H index from SCOPUS lists: 21

Total number of publications within SCOPUS: 297

Journal Guest Editor

Journal of Materials Processing Technology Special Issue 228 On Hot Stamping