

Publications Dr.-Ing. Dieter Bokelmann

Year	Publication Medium	Title	Author	Author/ co-Auth.
1984	Industrieanzeiger Nr.12,2-1984/106,P28-29, Germany	Measuring of forging temperatures with liquid calorimeter vessel - 3 Pages - German	Dr. Dieter Bokelmann	A
1984	Industrieanzeiger Nr.63/64,8-1984/106,P33-36, Germany	Hot Plasticity of construction steels - 3 Pages - German	Dr. Dieter Bokelmann	A
1985	VDI/ADB-IFUM IDS Hagen Germany, 1985	Acceptable forging temperatures with drop forging of construction steels -Abstract 6 Pages - German	Dr. Dieter Bokelmann	A
1985	IFUM at Technical University Hannover, 1985	Research about the influence of high forging temperatures by drop forging of construction steels, Dr.-Ing. Dissertation - German - 180 Pages	Dr. Dieter Bokelmann	A
1986	Industrieanzeiger Nr.58/59, 7-1986/108,P55-56, Germany	High forging temperatures with drop forging of construction steels - 2 Pages- German	Dr. Dieter Bokelmann	A
1991	International Forgemasters Meeting, 1991, TERNI, Italy	Forging technique for the manufacture of a heavy flywheel with 108t forging weight	Dr. Dieter Bokelmann	A
1991	International Forgemasters Meeting, 1991, TERNI, Italy	Manufacturing of D-shaped AL 2219-rings for space Industry	K. Fischer	Co.
1994	International Forgemasters Meeting, 1994, Chicago, USA	Forging of heavy continous grain flow (CGF) Crankshafts without intermediate cooling	Dr. Dieter Bokelmann	A
1994	German Patent Office, 1994	Patent DE4222748C2 Manufacturing and Equipment for drop forging of large monoblock-crankshafts with multiple throws from one single bar	Dr. Dieter Bokelmann	A
1997	International Forgemasters Meeting, 1997, Pusan, South Korea	Optimization of the forging process of heavy forgings for power generation	Dr. Dieter Bokelmann	A
2000	International Forgemasters Meeting, 2000, Wiesbaden, Germany	Optimization of the quality Level of Open Die Forgings by the Introduction of Modern, Innovative Forging Technology	Dr. Dieter Bokelmann	A
2000	Journal, Stahl und Eisen, Germany	Optimization of the quality Level of Open Die Forgings by the Introduction of Modern, Innovative Forging Technology	Dr. Dieter Bokelmann	A
2000	Journal, Stahl und Eisen, Germany	Zur Situation unserer Schmiedeindustrie- aus technischer Sicht	Dr. Dieter Bokelmann	A
2001	Santa Fe	Electroslag Remelting of High-Chromium Steel Ingots of up to 165t Weight	Nikolaus Blaes	Co.
2002	1. International Alloy & special Steels Conference, 2002, Köln, Germany	Manufacturing of Forgings up to 100 mt Shipped Weight in Low and High Temperature Steel Grades for Power Plants	Dr. Dieter Bokelmann	A
2002	Journal, Stahl und Eisen, Germany	Vorstellung der neuen 85MN-Freiformschmiedeanlage der Saarschmiede Freiformschmiede GmbH	Dr. Dieter Bokelmann	A
2003	Journal, Stahl und Eisen, Germany	High Temperature Steel Forgings for Power Generation Machinery	Dr. Nikolaus Blaes	Co.
2003	Journal, Stahl und Eisen, Germany	The new State of the Art 75,85 MN Saarschmiede GmbH Forging Equipment	Dr. Dieter Bokelmann	A
2003	International Forgemasters Meeting, 2003, Kobe, Japan	High Temperature Steel Forgings for Power Generation Machinery	Nikolaus Blaes	Co.
2003	International Forgemasters Meeting, 2003, Kobe, Japan	The new State of the Art 75,85 MN SAARSCHMIEDE GmbH forging Equipment	Dr. Dieter Bokelmann	A
2004	EPRI, USA	Superalloy Forgings for Advanced High Temperature Power Plants	K.H. Schönfeld	Co.
2004	EPRI, USA	High Temperature Steel Forgings for Power Generation	Dr. Nikolaus Blaes	Co.
2005	Superalloys 2005	Design and Manufacture of a Very Large Hot-Gas Expander Impeller in Alloy 718 For Highly Corrosive Off-Gas	Dr. Sharad Chandra	Co.
2006	Forging Conference of Metal Union , Mai 2006, Hagen, Germany	Introduction of OEE-Key-data at Saarschmiede, 32 sheets, German	Dr. Dieter Bokelmann	A
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Determination of Input Data for Fem-Calculation of Hardening Process of Worldwide Largest 17%Cr-2%Ni-Rotorshaft	C. Berger	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Development and Commissioning of a Centrifugal Extraction Hood for Reducing Emissions During Flame Scarfing of Forginga at Saarschmiede GmbH Freiformschmiede, Völklingen	Jörg Poppenhäger	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Selected successful achievements in the European open-die forging industry	Ralf Rech	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Improvement of ut Systems for the Automated Ultrasonic Inspection of Heavy Forgings	Jürgen Meiser	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Largest Turbine Rotors Ever Manufactured from 10 CR-Steels	Nikolaus Blaes	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Manufacturing of the Largest Forged Steam Turbine Rotor Shaft Worldwide in Steel Type 17% CR-2% Ni	Dr. Sharad Chandra	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Selected Successful Achievements by the European Members of the Open Die Forging Committee within the Steel Institute VDEH	Ralf Rech	Co.
2006	Journal, Stahl und Eisen, Germany	Selected Successful Achievements in the European Open-Die Forging Industry	Ralf Rech	Co.
2006	OPE, Chennai (India)	Heavy Forgings for High-Pressure Applications	Gerd Weides	Co.
2006	International Forgemasters Meeting, 2006, Sheffield, UK	Determination of Input Data for Fem-Calculation of Hardening Process of Worldwide Largest Forged 17%CR-2%NI-Rotorshaft	C. Berger	Co.
2007	EPRI	High Chromium Steel Forgings for Steam Turbines at Elevated Temperatures	Dr. Nikolaus Blaes	Co.
2007	Aachener Stahlkolloquium	Simulation von Eigenspannungen bei Härtung Großer Schmiedeteile	G. Weides	Co.
2007	EPRI, Marco Island, (Florida, USA)	High Chromium Steel Forgings for Steam Turbines at Elevated Temperatures	Nikolaus Blaes	Co.
2008	HighTec - Abschlussstagung Branchenpolitik Schmiedeindustrie 30.1.2008 Düsseldorf	Speech& Presentation - Saarschmiede - Ein Unternehmen stellt sich vor, 77 sheets, German	Dr. Dieter Bokelmann	A
2008	Journal Energy Materials, Volume 2, 2007, Issue 4	High Chromium Steel Forgings for Steam Turbines at Elevated Temperatures	Dr. Nikolaus Blaes	Co.
2008	MPA Stuttgart	Nickel-Base Alloy Forgings For Advanced High Temperature Power Plants	Dr. Bernhard Donth	Co.
2008	International Forgemasters Meeting, 2008, Santander, Spain	Optimisation of the Forging Process of Profiled Discs for Low Pressure Turbine Rotors by FEM Simulation	Gerd Weides	Co.
2008	International Forgemasters Meeting, 2008, Santander, Spain	Optimizing Layout Lifetime 40 MN Open Die Forging Press	Christina Berger	Co.
2008	MPA-Seminar, Stuttgart	Nickel-Base Alloy Forgings for Advanced High Temperature Power Plants	B. Donth	Co.
2008	International Forgemasters Meeting, 2008, Santander, Spain	Installation of New Ultrasonic Facilities for Increasing Automated Inspection Capacity	Jürgen Meiser	Co.
2008	International Forgemasters Meeting, 2008, Santander, Spain	Optimisation of the Forging Process of Profiled Discs for Low Pressure Turbine Rotors by FEM Simulation	Gerd Weides	Co.
2008	International Forgemasters Meeting, 2008, Santander, Spain	Optimizing the Layout and Lifetime of the New Saarschmiede 40 MN Open Die Forging Press	Christina Berger	Co.
2009	LMPC	Calibration Simulation Model Var with Respect to the influence of Helium Cooling	Dr. Jan Terhaar	Co.
2009	Journal, Stahl und Eisen, Germany	Fortschrittliche Prüfsysteme für die automatisierte Ultraschall-Prüfung von schweren Schmiedeteilen	Jürgen Meiser	Co.
2009	Aachener Stahlkolloquium	(Veröffentlichungen) Forging Visions	M. Baues	Co.
2009	LMPC Santa Fe, New Mexico (USA)	Calibration of a Simulation Model for Var with Respect to the Influence of Helium Cooling	J. Terhaar	Co.
2010	Stahl und Eisen	Considering the Solidification Structure of Var Ingots in the Numerical Simulation of the Coggings Process	Dr. Jan Terhaar	Co.

2010	EPRI	6th International Conference on Advances in Materials Technology for Fossil Power Plants Advanced Forgings for Highly Efficient Fossil Power Plants	Dr. Nikolaus Blaes	Co.
2010	EuroSuperalloys, Wildbad Keuth	Modelling Texturised Cast Structures in the Forging of Superalloys	Jan Terhaar	Co.
2010	EPRI, Santa Fe, New Mexico, (USA)	Advanced Forginga for Highly Efficient Fossil Power Plants	Nikolaus Blaes	Co.
2010	Superalloy 718, Pittsburgh, PA	Considering the Solidification Structure of Var Ingots in the Numerical Simulation of the Coggings Process	Jan Terhaar	Co.
2011	International Forgemasters Meeting, 2011, Pitsburg, USA	Largest Steam Turbine Rotor Ever Manufactured from Nickel Base Alloy	Andreas Diwo	Co.
2011	ETD	Manufacturing of advanced rotor forgings for highly efficient fossil power plants	Dr. Bernhard Donth	Co.
2011	Parsons	Manufacturing of advanced Rotor Forgings for Highly Efficient Fossil Power Plants	Dr. Bernhard Donth	Co.
2011	International Forgemasters Meeting, 2011, Pitsburg, USA	Rotor Forgings for Supercritical and Ultra-Supercritical Fossil Power Plants	Dr. Nikolaus Blaes	Co.
2012	Open Forge CCMI, China, 2012	18th IFM 2011 - Overview and recent trends, May 28 2012, Zhengzhou, Henan, China, 55 Sheets	Dr. Dieter Bokelmann	A
2013	EPRI	Rotor Forging Steam Turbines with High Efficiency	Dr. Nikolaus Blaes	Co.
2014	International Forgemasters Meeting, 2014, Tokyo, Japan	Advanced Rotor Forgings Highly Efficient Steam Turbines	Dr. Nikolaus Blaes	Co.
2014	International Forgemasters Meeting, 2014, Tokyo, Japan	Heavy Forgings for the Nuclear Primary Loop in SA-508 at Saarschmiede	Dr. Jan Terhaar	Co.
2014	ECNDT	Nondestructive Determination of Mechanical Properties of Open-Die Forgings and Potentials for Full Implementation in Production Process Chain	Dr. M. Ewen	Co.
2017	IFM International Forgemasters Meeting, 2017, GRAZ, Austria	Development since 2014 in the open die forging industry in Austria, Germany, Sweden and Switzerland mainly in association with the Steel Institute VDEH	Dr. Dieter Bokelmann	A
2017	IFM International Forgemasters Meeting, 2017, GRAZ, Austria	Review and recent trends in main topics of IFM-Conferences 1954-2017 and conclusions	Dr. Dieter Bokelmann	A
2018	BHM 9/2018, Berg- u. Hüttenmännische Monatshefte, P. 347-354	Selected publications of 20th IFM: Review and recent trends in main topics of IFM-Conferences 1954-2017 and conclusions	Dr. Dieter Bokelmann	A
2018	ICRF Ingot Casting, Rolling and Forging Conference, Stockholm	Recent Trends and main Topics affecting the Open die forging Industry (16.-18. October 2018)	Dr. Dieter Bokelmann	A
2019	HFCM Heavy Forging Council Meeting China, national meeting	Lecture - Main Technical Challenges of heavy forging (17.-19. September 2019), De Yang, China	Dr. Dieter Bokelmann	A
2024	IFM International Forgemasters Meeting, 2024, Milano, Italy	Perfect void closure forging with optimized FI-Technology, submitted	Dr. Dieter Bokelmann	A
2024	IFM International Forgemasters Meeting, 2024, Milano, Italy	Reproducible forging plan layout with innovative software tool, submitted	Dr. Dieter Bokelmann	A