



**List of keynote lecturers and invited young researchers/engineers  
(tentative)**

**Keynote lectures:**

- Prof. T.A. Dean (The University of Birmingham, UK);  
Added Value through Thermo-mechanical Processing
- Prof. R. Kopp (University of Technology Aachen, Germany);  
What are the Global Challenges for the Future and Which New Developments in Metal Forming are Necessary?
- Prof. T. Ishikawa (Nagoya University, Japan);  
Incremental Forging using Servo-Press and Robot
- Prof. R-S. Lee (National Cheng Kung University, Taiwan);  
Theoretical Prediction and Experimental Methods for Forgeability Evaluation and its Applications to Precision Forging
- Prof. A.E. Tekkaya (Dortmund University, Germany);  
Chevron Cracks in Extrusion: Modeling and Prevention
- Dr. M. Haensel (Thyssenkrupp Presta AG, Liechtenstein);  
Tool Life in Cold Forging - A Brief Survey
- Dr. S. Isogawa (Daido Steel Co.,Ltd., Japan);  
Current Status and Future Trend of Controlled Forging Technology
- Prof. K. Kuzman (University of Ljubljana, Slovenia);  
Some Comments on Friction Evaluation at Combined Backward Can-Forward Rod Cold Extrusion
- Prof. K. Kondo (Toyota Technological Institute, Japan);  
Points for the Research and Development of Manufacturing Technology
- Prof. K. Osakada (Osaka University, Japan);  
History and Future of Cold Forging in Japan
- Mr. T. Nakano (Aida Engineering, Ltd., Japan);  
Introduction of Flow Control Forming (FCF) for Sheet Forging and New Presses
- Mr. H. Morishita (Toyota Motor Corporation, Japan);  
Development of Forging Technology in TOYOTA
- Mr. M. Yoshida (Nihon Parkerizing Co.,Ltd., Japan);  
The Single Process Lubricant for Cold Forming

**Oral presentations of young researchers/engineers:**

- Mr. T. Hofmann (Hirschvogel Umformtechnik GmbH, Germany);  
Fully Finished Splines and Semi Finished Gears by Forging
- Mr. S. Weidel (University of Erlangen-Nuremberg, Germany);  
Physical Modeling of Surface Asperities for Basic Investigations on Tribology in Cold Forging
- Mr. J. Ravnican (Unior, d.d., Slovenia);  
Some Comments on Cold Finishing Operations of Hot Forging
- Mr. M. Simionato (University of Padova, Italy);  
Analysis of Cropping Operation in Cold Forging through Numerical and Experimental Techniques

- Dr. M. Cheng (Chinese Academy of Sciences, China);  
Numerical Simulation and Optimization Analysis on Hot Die Forging Process of Titanium Alloy Compressor Disc
- Dr. J. Liu (Shanghai Jiao Tong University, China);  
Forgeability Analysis of Magnesium Alloy AZ31B and Hot Forging Experiments
- Dr. W. Xu (Harbin Institute of Technology, China);  
Defect Analysis and Preform Optimization in Precision Forging of Compressor Blade of TC11 Titanium Alloy
- Mr. Y-J. Chen (National Cheng Kung University, Taiwan);  
Prediction of Forming Limit by Cylinder Side Pressing and Energy Fracture Criterion in Cold Forging
- Mr. T. Ishiguro (Nagoya University, Japan);  
FE Analysis of Shearing Process using Ductile Fracture Parameters Determined by Density Measurement Method
- Mr. T. Maeno (Toyohashi University of Technology, Japan);  
Reduction of Friction in Forging of Plates by Load Oscillation
- Mr. M. Terano (Nagoya Institute of Technology, Japan);  
Bulk Deformation in Cube-and Ring-compression for Materials with Anisotropy

**Poster presentations of young researchers/engineers:**

- Mr. N. Ben Khalifa (Dortmund University, Germany);  
Basic Investigations of Twisted and Helical Profiles Extrusion of Aluminum Alloys
- Mr. M. Urban (University of Technology Aachen, Germany);  
High Strength Ductile Bainitic Steel for High Stressed Forged Structural Parts
- Mr. O. Cora (Virginia Commonwealth University, USA);  
Manufacturing of Micro-engineered Surfaces for Fuel Cell, Heat and Mass Transfer Applications by Powder Compaction
- Mr. O. Music (University of Cambridge, UK);  
Work on Innovative Flexible Forming Processes
- Ms. Y-P. Lin (University of Birmingham, UK);  
Factors Affecting Calibration Curves for the Ring Test
- Dr. D. Kim (Korea Institute of Materials Science, Korea);  
Process Optimization of Hot Forging for Magnesium Alloy Based on Taguchi Method
- Mr. P. Chumrum (King Mongkut's University, Thailand);  
Surface Modification Technology Application on Forging Tool
- Dr. S. Kajino (Advanced Industrial Science and Technology, Japan);  
Tensile Strength and Microstructure of Additional Shear Strain Layer
- Dr. M. Niikawa (University of Fukui, Japan);  
Forging Process for Magnesium Alloy Thin Plate using Servo Press
- Mr. A. Ogura (Nichidai Corp., Japan);  
New Plastic Joining Method using Indentation of Cold Bar to Hot Forged Part
- Mr. B. Wietbrock (University of Technology Aachen, Germany);  
Micro Coining to Create Functional Surfaces
- Mr. T. Hironaka (Daido Steel Co.,Ltd, Japan);  
Development of New Tribo-meter for Forging