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 Forging 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