



32	Tuesday, 5 July 2016	N101	14:50 - 15:10	Introduction to the level-set full field modeling of spheroidization phenomenon in $\alpha/\beta$ titanium alloys	Marc Bernacki	Mines ParisTech CEMEF	France	MS2: Microstructure modeling in forming processes	Danaï Polychronopoulou	Nathalie Bozzolo	Daniel Pino Muñoz	Julien Bruchon	Modesar Shakoore	Yvon Millet	Christian Dumont	Immanuel Freiherr Von Thüngen	Rémy Besnard	Marc Bernacki
33	Wednesday, 6 July 2016	A002	11:05 - 11:25	Deformation and fracture of aluminum thin sheets with a PLC model and comparison with DIC3D tomography	Gilles Rousselier	MINES ParisTech, PSL Research University	France	MS3: Defects and damage prediction in forming processes	Gilles Rousselier	Thilo F. Morgeneyer	Sicong Ren							
34	Wednesday, 6 July 2016	C001	16:30 - 16:50	Effects of Element Formulation on Pipe Bending Simulation	Satoshi Ishikawa	IDAJ Co., Ltd.	Japan	MS7: Advanced computational methods in forming processes simulation	Satoshi Ishikawa	Yoshihiro Ishikawa								
35	Wednesday, 6 July 2016	C001	09:35 - 09:55	A new algorithm for dense ellipsoid packing generation in context of FEM or DEM	Dmitrii Ilin	Mines ParisTech Cemef	France	MS2: Microstructure modeling in forming processes	Dmitrii Ilin	Marc Bernacki								
36	Monday, 4 July 2016	C001	15:10 - 15:30	Full field modeling of dynamic recrystallization in a global level set framework, application to 304L stainless steel	Marc Bernacki	Mines ParisTech Cemef	France	MS2: Microstructure modeling in forming processes	Romain Boulais-Sinou	Benjamin Scholtes	Daniel Pino Muñoz	Charbel Moussa	Isabelle Poitraud	Isabelle Bobin	Aurore Montouchet	Marc Bernacki		
37	Monday, 4 July 2016	A001	10:20 - 10:40	The process parameters effect of ovality in cross wedge rolling for hollow valve without mandrel	Jinping Liu	School of Mechanical Engineering, University of Science and Technology Beijing	China	IMS1: Engineering simulation of Bulk forming processes	Hongchao Ji	Jinping Liu	Baoyu Wang							
40	Wednesday, 6 July 2016	C001	09:55 - 10:15	Simulation of the Dissimilar Joining Process of Aluminum and Steel by Laser Assisted Wetting	Rodrigo Gómez Vázquez	Vienna University of Technology	Austria	MS2: Microstructure modeling in forming processes	Rodrigo Gómez Vázquez	Andreas Otto	Gerhard Liedl	Stefan Tatra	Robert Feichtenschlager	Christian Stiglbanner				
42	Tuesday, 5 July 2016	C002	11:45 - 12:05	An innovative approach for the modelling of Arc welding, using a level-set method combined with a mesh refinement technique	Christel Pequet	Transvalor S.A.	France	MS8: Numerical modeling of additive manufacturing	Christel Pequet	Elie Hachem								
43	Wednesday, 6 July 2016	C002	09:15 - 09:35	Recent developments in coupling material modelling with THERCAST® for multicomponent alloy casting	Ali Saad	TRANSVALOR S.A.	France	MS12: Computational Fluid Dynamics in Material Forming Processes	Ali Saad	Patrice Lasne	Rafael Miranda	Zhanli Guo	Jean-Phillippe Schille					
44	Tuesday, 5 July 2016	A002	15:30 - 15:50	Constitutive models for elastoplasticity from a 4D thermodynamic construction and its applications to the simulation of large deformations	Mingchuan Wang	Laboratoire des Systèmes Mécaniques et d'Ingénierie Simultanée (LASMIS) Université de Technologie de Troyes (UTT) Institut Charles Delaunay (ICD) – CNRS UMR 6297	France	MS1: Generalized continua and nonlocal formulations	Mingchuan Wang	Benoit Panicaud	Emmanuelle Rouhaud	Richard Kerner	Arjen Roos					
45	Tuesday, 5 July 2016	C001	09:55 - 10:15	Finite element method analysis of surface roughness transfer in micro flexible rolling	Zhengyi Jiang	University of Wollongong	Australia	MS4: Advanced modeling of contact interfaces in forming	Feijun Qu	Zhengyi Jiang								
46	Tuesday, 5 July 2016	A001	11:05 - 11:25	Semi-analytic parameter identification for complex yield functions	Niklas Küsters	TU Dresden, Institute of Manufacturing Technology, Chair of Forming and Machining Processes	Germany	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Niklas Küsters	Alexander Brosius								
47	Tuesday, 5 July 2016	C001	15:30 - 15:50	Effects of solid-liquid fraction and semi-solid processing on the microstructure and segregation of Cr-Mo-V steel	Mingyue Sun	Institute of Metal Research, Chinese Academy of Sciences, China	China	MS9: Modeling and numerical simulation of thixoforming processes	Yifeng Guo	Bin Xu	Mingyue Sun							
48	Wednesday, 6 July 2016	C001	09:15 - 09:35	Development of digital material representation model for porous metallic microstructures	Lukasz Madej	AGH University of Science and Technology	Poland	MS2: Microstructure modeling in forming processes	Lukasz Madej	Adam Legwand	Konrad Perzynski							
49	Tuesday, 5 July 2016	A001	11:25 - 11:45	Constrained design of sheet forming processes	Evrripides G. Loukaides	University of Cambridge	United Kingdom	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Evrripides G. Loukaides	Julian M. Allwood								
50	Monday, 4 July 2016	C001	10:00 - 10:40	Nature of the Elastic-Plastic Transition and Its Importance	Robert Wagoner	The Ohio State University	United States	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Zhong Chen	Hyuk Jong Bong	Dayong Li	Robert Wagoner						
52	Monday, 4 July 2016	A001	17:50 - 18:10	Virtual forming of a lifting connector at high temperature	Sandrine Thuillier	Université Bretagne Sud	France	IMS1: Engineering simulation of Bulk forming processes	Julien Cochet	Sandrine Thuillier	Pierre-Yves Manach	Nicolas Decultot						
53	Tuesday, 5 July 2016	A001	17:10 - 17:30	Improving 3D complex crack propagation in tetrahedral meshes	Fangtao Yang	Université de Technologie de Compiègne	France	MS7: Advanced computational methods in forming processes simulation	Fangtao Yang	Alain Rassinoux	Carl Labergere	Khemais Saanouni						
54	Tuesday, 5 July 2016	A001	09:35 - 09:55	Principles of Polymer Processing Modelling	Jean-François Agassant	MINES ParisTech/CEMEF	France	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Jean-François Agassant									
55	Tuesday, 5 July 2016	A002	15:10 - 15:30	Advanced numerical simulation based on a non-local micromorphic model for metal forming processes	Evangelia Diamantopoulou		France	MS1: Generalized continua and nonlocal formulations	Evangelia Diamantopoulou	Carl Labergere	Houssem Badreddine	Khemais Saanouni						
56	Tuesday, 5 July 2016	C002	14:30 - 14:50	Application of the finite element P1 / P1 to the simulation of a MAG welding operation	Jean-Christophe Roux	Univ. Lyon, ENISE, LTDS UMR 5513 CNRS	France	MS8: Numerical modeling of additive manufacturing	Eric Feulvarch	Jean-Christophe Roux	Robin Chatelin	Jean-Michel Bergheau						
58	Wednesday, 6 July 2016	C001	16:50 - 17:10	The use of geometric scale in the simulation of metal forming by the explicit-dynamic finite element method	Écio Naves Duarte	IFSP	Brazil	MS7: Advanced computational methods in forming processes simulation	Écio Naves Duarte	Peterson Silva Da Silva	Sonia Aparecida Goulart Oliveira	Rafael Weyler	Fabio Raffael Felice					
59	Tuesday, 5 July 2016	C001	11:05 - 11:25	Application of P.O.D. and D.E.P.O.D. model reduction methods to semi-thick sheet metal forming	Lionel Fourment	MINES ParisTech, PSL Research University, CEMEF	France	MS7: Advanced computational methods in forming processes simulation	Fadi El Haddad	Lionel Fourment	David Ryckelynck	François Bay						

61	Wednesday, 6 July 2016	A001	11:25 - 11:45	Finite Element Simulation of Selected Bulk Nano-material Processing Techniques	Hans Raj Kandikonda	Dayalbagh Educational Institute	India	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Hans Raj Kandikonda										
62	Wednesday, 6 July 2016	A001	09:15 - 09:35	Modelling of rolling processes: historical development and perspectives	Pierre Montmitonnet	MINES ParisTech - CEMEF	France	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Pierre Montmitonnet										
63	Monday, 4 July 2016	A002	15:30 - 15:50	Multi-objective optimization under uncertainty for sheet metal forming.	Pascal Lafon	University of Technology of Troyes	France	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Pascal Lafon	Pierre Antoine Adragna	Von Dim Nguyen								
64	Wednesday, 6 July 2016	A001	14:50 - 15:10	Simulation of the combined process "helical rolling-pressing" in the software package Simufact. Forming	Sergey Lezhnev	Rudny industrial institute	Kazakhstan	MS2: Microstructure modeling in forming processes	Abdrakhman Naizabekov	Sergey Lezhnev	Evgeniy Panin	Alexandr Arbuz							
65	Monday, 4 July 2016	C002	11:00 - 11:20	Fatigue life prediction methodology applied to 3D mechanical component	Mohamed Ali Dhifallah	University of Technologie of Troyes	France	MS6: From numerical modeling of forming processes down to in-use properties	Mohamed Ali Dhifallah	Carl Labergere	Houssem Badreddine	Khemais Saanouni							
67	Tuesday, 5 July 2016	A002	11:45 - 12:05	Ductility prediction of substrate-supported metal layers based on rate-independent crystal plasticity theory	Mohamed Ben Bettaieb	LEM3, UMR CNRS 7239 - Arts et Métiers ParisTech	France	MS2: Microstructure modeling in forming processes	Holanyo Koffi Akpama	Mohamed Ben Bettaieb	Farid Abed-Meraim								
68	Monday, 4 July 2016	A002	10:20 - 10:40	Implementing Digital Image Correlation for Determining the Tensile Characteristics of Post-Processed Thin Sheet Metal	Andrew Evans	Swansea University	United Kingdom	IMS2: Engineering simulation of sheet forming processes	Andrew Evans	Nick Croft	Amit Das								
70	Tuesday, 5 July 2016	A001	14:30 - 14:50	Sensitivity analysis of the Expansion Process for Alloy UNS N08028	Aitor Navarro	TUBACEX INNOVATION	Spain	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Aitor Navarro	Mario Lechner	Alejandra Lopez	Unai Ruiz							
71	Wednesday, 6 July 2016	A001	11:05 - 11:25	Influence of forming processes on crash performance of vehicle body components	Giovanni Castiglione	Politecnico di Torino	Italy	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Giovanni Belingardi	Giovanni Castiglione									
72	Tuesday, 5 July 2016	A002	14:50 - 15:10	Nonlocal constitutive equations of elasto-viscoplasticity fully coupled with damage and temperature	Weijie Liu	University of Technology of Troyes, Dalian University of Technology	China	MS1: Generalized continua and nonlocal formulations	Weijie Liu	Khemais Saanouni	Carl Labergere	Houssem Badreddine	Ping Hu						
73	Monday, 4 July 2016	N101	11:00 - 11:20	Mechanism-based modelling of plastic deformation in magnesium alloys	Dirk Steglich	Helmholtz-Zentrum Geesthacht	Germany	MS5: Advanced anisotropic constitutive equations for forming processes simulation	Dirk Steglich	Xiaowei Tian	Jacques Besson								
74	Tuesday, 5 July 2016	N101	15:30 - 15:50	Direct micro-to-macro modelling of the cold rolling of pearlitic steel	Marc Seefeldt	KULeuven	Belgium	MS2: Microstructure modeling in forming processes	Laurent Delannay	Jeroen Tacq	Didier Bardel	Marc Seefeldt							
75	Monday, 4 July 2016	C002	16:30 - 16:50	Prediction of Forming Limit Diagrams under combined Tension-Bending states	Mohamed Ben Bettaieb	Arts et Métiers ParisTech	France	MS3: Defects and damage prediction in forming processes	Honoré Lagaza	Mohamed Ben Bettaieb	Farid Abed-Meraim	Xavier Lemoine							
76	Wednesday, 6 July 2016	N101	09:35 - 09:55	Tailoring compartmentalized models for metallic alloys forming	Ludovic Charleux	SYMME, Université de Savoie Mont Blanc	France	Topic 3: Application to metal or multi-metal forming processes	Moustapha Issack	Ludovic Charleux	Laurent Tabourot								
77	Wednesday, 6 July 2016	A002	09:55 - 10:15	OPTIMIZATION OF PROCESS PARAMETERS FOR HYDRO-MECHANICAL MULTI-STAGE DEEP DRAWING OF INCONEL FOR AEROSPACE APPLICATIONS	Ravi Kumar Digavalli	Indian Institute of Technology Delhi	India	IMS2: Engineering simulation of sheet forming processes	Ravi Kumar Digavalli	Manohar M.									
78	Monday, 4 July 2016	A002	14:50 - 15:10	Shape Optimisation in Metal Forming Applications Based on the Shape-Manifold Approach	Guenhael Le Quilliec	Laboratoire de Mécanique et Rhéologie - EA 2640	France	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Guenhael Le Quilliec	Balaji Raghavan	Piotr Bretkopf								
79	Tuesday, 5 July 2016	A001	14:50 - 15:10	Fast variable stiffness composite cylinder uncertainty analysis by using reanalysis assisted Copula function	Zeng Yang	Hunan University	China	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Zeng Yang	Enying Li	Hu Wang								
80	Monday, 4 July 2016	N101	17:10 - 17:30	Comparison numerical and experiment results of high velocity impact test between Al 6061-T6 and FML by using electromagnetic launcher	Jeong Kim	Dept.of Aerospace Engineering, Pusan Nat'l Univ.	Korea, Republic Of	Topic 3: Application to metal or multi-metal forming processes	Hong-Kyo Kim	Hak-Gon Noh	Eu-Tteum Park	Beom-Soo Kang	Jeong Kim						
81	Tuesday, 5 July 2016	N101	17:50 - 18:10	A generalized mapping procedure of ductile fracture model between stress and strain spaces	Jeong Whan Yoon	Deakin University	Australia	MS3: Defects and damage prediction in forming processes	Shunying Zhang	Jeong Whan Yoon									
82	Monday, 4 July 2016	N101	14:50 - 15:10	Numerical study of electrohydraulic forming using sheet aluminum alloys	Jeong Kim	Department of Aerospace Engineering, Pusan National University	Korea, Republic Of	Topic 3: Application to metal or multi-metal forming processes	Min-A Woo	Hak-Gon Noh	Hyeong-Gyu Park	Hong-Kyo Park	Jeong Kim						
86	Tuesday, 5 July 2016	A002	16:30 - 16:50	Modelling of Microstructure evolution with Dynamic recrystallization in Phase field environment of Martensitic Steel	Jan Hiebeler	ThyssenKrupp Steel Europe	Germany	MS1: Generalized continua and nonlocal formulations	Jan Hiebeler										
87	Tuesday, 5 July 2016	N101	11:05 - 11:25	Predictive 3D simulations of Compressive Resin Transfer Molding	Pierre Marquette	ESI Group	France	Topic 4: Application to composites, polymers and other materials	Pierre Marquette	Arnaud Dereims	Takayuki Ogawa	Masatoshi Kobayashi							
88	Tuesday, 5 July 2016	N101	09:15 - 09:35	Constitutive modelling for 05Cr17NiCu4Nb alloy during hot deformation and application in turbine blade	Yanhong Xiao	Shanghai Second Polytechnic University	China	IMS1: Engineering simulation of Bulk forming processes	Yanhong Xiao	Cheng Guo									
89	Tuesday, 5 July 2016	A002	14:30 - 14:50	Application of a second-gradient model of ductile fracture on a dissimilar metal weld	Rémi Lacroix	ESI France, Le Recamier, 70 rue Robert, 69458 Lyon Cedex 06, France	France	MS1: Generalized continua and nonlocal formulations	Jun Yang	Rémi Lacroix	Jean Michel Bergheau	Jean Baptiste Leblond	Gilles Perrin						
90	Wednesday, 6 July 2016	A002	11:25 - 12:05	Experimental observations and numerical simulations of strain rate dependent PLC effects in AA2139 and AA2198 Al-alloy sheet	Sicong Ren	MINES ParisTech, PSL Research University	France	MS3: Defects and damage prediction in forming processes	Sicong Ren	Thilo Morgeneyer	Gilles Rousselier	Matthieu Mazière	Samuel Forest						

91	Monday, 4 July 2016	A002	11:00 - 11:20	Numerical optimization of Joule heating process of Usibor® 1500 automotive blanks	Muriel Carin	Universite de Bretagne-Sud /LIMATB	France	IMS2: Engineering simulation of sheet forming processes	Nathan Demazel	Herve Laurent	Muriel Carin	Jeremy Coer	Philippe Le Masson	Romain Canivenc	Jerome Favero	Stephane Graveleau		
92	Monday, 4 July 2016	C001	17:10 - 17:30	Advanced Wear Simulation for Bulk Metal Forming Processes	Alexander Chugreev	Institute of Forming Technology and Machines (IFUM), Hannover	Germany	MS4: Advanced modeling of contact interfaces in forming	Bernd-Arno Behrens	Anas Bouguecha	Milan Vucetic	Alexander Chugreev						
93	Monday, 4 July 2016	C002	16:50 - 17:10	Numerical determination of the forming limit diagram for thin sheet metal foil from a ductile damage model identified via Micro-Single Point Incremental Forming tests	Ramzi Ben Hmida	FEMTO-ST Institute, UBFC/CNRS-UMR6174/UFC/ENSMM/UTBM, Department of Applied Mechanics, Besançon, France	France	MS3: Defects and damage prediction in forming processes	Ramzi Ben Hmida	Gemala Hapsari	Fabrice Richard	Sébastien Thibaud	Pierrick Malécot					
94	Monday, 4 July 2016	A001	14:30 - 15:30	Advanced Constitutive and Fracture Models for Sheet Forming Simulation	Jeong Whan Yoon	Deakin University	Australia	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Jeong Whan Yoon	Thomas B Stoughton								
95	Tuesday, 5 July 2016	C002	11:05 - 11:25	Smoothed Particle Hydrodynamics applied to the 3D printing of fibre reinforced thermoplastics	Julien Férec	Univ. Bretagne-Sud	France	MS8: Numerical modeling of additive manufacturing	Erwan Bertevas	Julien Férec	Gilles Ausias	Boo Cheong Khoo	Nhan Phan-Thien					
97	Monday, 4 July 2016	A001	17:10 - 17:30	Implementation of a steady-state formulation for the simulation of long product rolling in hot forming conditions	Ugo Ripert	Transvalor S.A., Parc de haute technologie de Sophia-Antipolis, 06255 Mougins Cedex, France	France	IMS1: Engineering simulation of Bulk forming processes	Ugo Ripert	Etienne Perchat	Lionel Fourment							
99	Monday, 4 July 2016	C002	15:10 - 15:30	Numerical investigation of blanking for metal polymer sandwich sheets	Florian Gutknecht	IUL - TU Dortmund	Germany	Topic 4: Application to composites, polymers and other materials	Florian Gutknecht	David Übelacker	Till Clausmeyer	Peter Groche	A. Erman Tekkaya					
100	Tuesday, 5 July 2016	N101	16:30 - 16:50	Evaluation of ductile failure models in sheet metal forming	Rui Amaral	INEGI	Portugal	MS3: Defects and damage prediction in forming processes	Rui Amaral	Pedro Teixeira	Erfan Azinpour	Abel D. Santos	J. Cesar De Sá					
101	Tuesday, 5 July 2016	C001	11:45 - 12:05	Simulation of nonlinear benchmarks and sheet metal forming processes using linear and quadratic solid-shell elements combined with advanced anisotropic behavior models	Peng Wang	Arts et Métiers ParisTech	France	MS7: Advanced computational methods in forming processes simulation	Peng Wang	Hocine Chalal	Farid Abed-Meraim							
103	Monday, 4 July 2016	A002	11:20 - 11:40	Application of Multivariate Adaptive Regression Splines to Sheet Metal Bending Process for Springback Compensation	Rasim Askin Dilan	ASELSAN A.S.	Turkey	IMS2: Engineering simulation of sheet forming processes	Rasim Askin Dilan	Tuna Balkan	Bulent E. Platin							
104	Monday, 4 July 2016	A001	11:20 - 11:40	Numerical analysis of bevel gear forming	Jaroslav Bartnicki	Lublin University of Technology	Poland	IMS1: Engineering simulation of Bulk forming processes	Jaroslav Bartnicki									
105	Tuesday, 5 July 2016	C002	11:25 - 11:45	Finite element thermomechanical modeling of deposition of ceramic material during SLM additive manufacturing process	Qiang Chen	Cemef, Mines ParisTech, PSL Research University, UMR CNRS 7635	France	MS8: Numerical modeling of additive manufacturing	Qiang Chen	Gildas Guillemot	Charles-André Gandin	Michel Bellet						
109	Tuesday, 5 July 2016	A001	16:30 - 16:50	An efficient augmented RBF-FD method for Navier-Stokes equations in spherical geometry	T. V. S. Sekhar	School of Basic Sciences, IIT Bhubaneswar, Bhubaneswar, Odisha	India	MS7: Advanced computational methods in forming processes simulation	Nikunja Bihari Barik	T. V. S. Sekhar								
110	Wednesday, 6 July 2016	A002	14:30 - 14:50	Numerical investigation of manufacturing of hollow pre-products by combining the processes of backward cup extrusion and piercing	Robinson Henry	Institute for Metal Forming Technology	Germany	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Robinson Henry	Mathias Liewald								
111	Monday, 4 July 2016	C002	14:30 - 14:50	Numerical investigations for simultaneously processing metal and plastic using impact extrusion	Jonas Waelder	Institute for Metal Forming Technology	Germany	Topic 4: Application to composites, polymers and other materials	Jonas Waelder	Jochen Wellekoetter	Alexander Felde	Mathias Liewald	Christian Bonten					
114	Wednesday, 6 July 2016	C002	09:55 - 10:15	3D simulation model for highly loaded fluids with large spherical particles	Guillaume Francois	TRANSVALOR S.A.	France	MS12: Computational Fluid Dynamics in Material Forming Processes	Guillaume Francois	Laurence Ville	Gallier Stany							
115	Wednesday, 6 July 2016	A002	14:50 - 15:10	Hardening law identification by micro incremental sheet forming: a sensitivity study	Gemala Hapsari	DMA Femto-ST/UBFC	France	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Gemala Hapsari	Ramzi Ben Hmida	Fabrice Richard	Sébastien Thibaud	Pierrick Malécot					
116	Wednesday, 6 July 2016	N101	15:10 - 15:30	Material flow analysis in dissimilar Friction Stir Welding of AA2024 and Ti6Al4V butt and lap joints	Gianluca Buffa	University of Palermo	Italy	Topic 3: Application to metal or multi-metal forming processes	Gianluca Buffa	Michele De Lisi	Antonio Barcellona	Livan Fratini						
117	Tuesday, 5 July 2016	C001	14:50 - 15:10	Thermomechanical modelling of steels behaviors at semi-solid state	Khalil Traidid	IRT-M2P	France	MS9: Modeling and numerical simulation of thixoforming processes	Khalil Traidid	Véronique Favier	Philippe Lestriez	Karl Debray	Laurent Langlois	Nicolas Ranc	Michel Saby	Philippe Mangin		
118	Tuesday, 5 July 2016	C001	11:25 - 11:45	Optimisation of Data Compression of OpenFOAM Simulations Utilising a Newly Developed Approach	Alexander Wohltan	HTL-Donaustadt	Austria	MS7: Advanced computational methods in forming processes simulation	Alexander Wohltan	Marcus Ionc	Nino Neuwirth	Patrik Widauer	Erich Pils	Ingrid Schreiber	Rodrigo Gómez Vázquez	Christian Stiglbrunner	Andreas Otto	
121	Tuesday, 5 July 2016	C002	16:50 - 17:10	Finite element modeling of tube deformation during cold pilgering	Yağiz Azizoğlu	Dalarna University	Sweden	Topic 3: Application to metal or multi-metal forming processes	Yağiz Azizoğlu	Mattias Gårdsback	Bengt Sjöberg	Lars-Erik Lindgren						
122	Monday, 4 July 2016	A001	15:30 - 15:50	Significance of the sheet curvature in the prediction of sheet metal forming limits	Pavel Hora	ETH Zurich	Switzerland	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Pavel Hora	Maysam Gorji	Bekim Berisha							
125	Wednesday, 6 July 2016	C001	15:30 - 15:50	Crystallization Kinetics Numerical Simulation of Semi-Crystalline Polymer: Application to Thermoforming Process	Mustapha Ziane	ESI Group	France	Topic 4: Application to composites, polymers and other materials	Mustapha Ziane	Pierre Marquette	Yann Duplessis Kergomard							

126	Monday, 4 July 2016	N101	10:00 - 10:20	Hot blanking tools thermo-mechanical loading simulations	Romeu Gomes	Université de Toulouse; CNRS, Mines Albi, INSA, UPS, ISAE-SUPAERO ; Institut Clément Ader; Campus Jarlard, F-81013 Albi, France	France	Topic 3: Application to metal or multi-metal forming processes	Romeu Gomes	Christine Boher	Luc Penazzi							
127	Monday, 4 July 2016	C001	14:50 - 15:10	Understanding and modeling of void closure mechanisms in hot metal forming processes: a multiscale approach	Pierre-Olivier Bouchard	CEMEF - Mines ParisTech	France	MS2: Microstructure modeling in forming processes	Pierre-Olivier Bouchard	Abdelouahed Chbihi	Marc Bernacki	Daniel Pino Munoz						
129	Tuesday, 5 July 2016	A001	09:55 - 10:15	DECISION SUPPORT TOOL FOR ANCHORING SYSTEM OPTIMIZATION OF TITANIUM CRANIOFACIAL PROSTHESES	Maria Vittoria Caruso	Department of Mechanical, Energetic and Management Engineering (DIMEG), University of Calabria	Italy	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Claudio Ciancio	Maria Vittoria Caruso	Gionata Fragomeni	Giuseppina Ambrogio						
130	Wednesday, 6 July 2016	A002	10:45 - 11:05	Ductile fracture – Influence of heterogeneous microstructure on nucleation, growth and coalescence mechanisms	Pierre-Olivier Bouchard	CEMEF - Mines ParisTech	France	MS3: Defects and damage prediction in forming processes	Pierre-Olivier Bouchard	Modesar Shakoore	Victor Trejo Navas	Marc Bernacki						
131	Wednesday, 6 July 2016	A001	09:55 - 10:15	Dynamic DOE for porthole die extrusion optimisation	Claudio Ciancio	University of Calabria	Italy	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Claudio Ciancio	Francesco Gagliardi	Giuseppina Ambrogio	Luigino Filice						
132	Tuesday, 5 July 2016	C002	17:10 - 17:30	Formability Effects of Variable Blank Holder Force on Deep Drawing of Stainless Steel	Numpon Mahayotsanun	Khon Kaen University	Thailand	Topic 3: Application to metal or multi-metal forming processes	Pramote Koowattanasuchat	Numpon Mahayotsanun	Sukunthakan Ngermbamrung	Sedthawatt Sucharitpawatskul	Sasawat Mahabunphachai					
135	Wednesday, 6 July 2016	C002	10:45 - 11:05	Simulation of Friction Stir Processing of 304L Stainless Steel	Michael Miles	Brigham Young University	United States	MS12: Computational Fluid Dynamics in Material Forming Processes	Michael Miles	Tracy Nelson	Lionel Fourment							
136	Wednesday, 6 July 2016	A001	17:10 - 17:30	A comparison of two modeling approaches for the prediction of residual stresses caused by the welding process	Haifa Sallem	Univ.Lyon-ENISE-LTDS	France	MS6: From numerical modeling of forming processes down to in-use properties	Haifa Sallem	Thomas Sayet	Eric Feulvarch	Jean Baptiste Leblond	Jean-Michel Bergheau					
137	Tuesday, 5 July 2016	A001	09:15 - 09:35	The evolution of forming process models – from process simulation to model-based control	Ton Van Den Boogaard	University of Twente	Netherlands	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Ton Van Den Boogaard									
138	Monday, 4 July 2016	N101	11:20 - 11:40	On twinning and anisotropy in rolled Mg alloy AZ31 under uniaxial tension	Peidong Wu	McMaster University	Canada	MS5: Advanced anisotropic constitutive equations for forming processes simulation	Xiaoqian Guo	Adrien Chapuis	Xianbiao Mao	Qing Liu	Peidong Wu					
139	Wednesday, 6 July 2016	A001	16:30 - 16:50	From manufacturing processes down to in-use structural analyses	Pierre-Olivier Bouchard	CEMEF - Mines ParisTech	France	MS6: From numerical modeling of forming processes down to in-use properties	Pierre-Olivier Bouchard									
140	Wednesday, 6 July 2016	C001	17:10 - 17:30	Hybrid Parallel multigrid preconditioning method for metal forming simulation	Katia Mocellin	CEMEF - Mines ParisTech	France	MS7: Advanced computational methods in forming processes simulation	Katia Mocellin	Frédéric Vi	Hugues Dignonnet	Lionel Fourment	Etienne Perchat					
141	Monday, 4 July 2016	A001	16:50 - 17:10	Numerical investigations of multicomponent process lightweight design by lateral extrusion for joining gearwheels	Robert Meissner	Institute for Metal Forming Technology, University of Stuttgart	Germany	IMS1: Engineering simulation of Bulk forming processes	Robert Meissner	Mathias Liewald								
142	Tuesday, 5 July 2016	A002	17:30 - 17:50	A phase-field approach for ductile failure	Erfan Azinpour	INEGI, Faculty of Engineering, University of Porto	Portugal	MS1: Generalized continua and nonlocal formulations	Erfan Azinpour	Jose Cesar De Sa	Abel Santos							
143	Tuesday, 5 July 2016	A002	17:10 - 17:30	Regularisation operators in plasticity and damage at finite deformations	Samuel Forest	Mines ParisTech CNRS	France	MS1: Generalized continua and nonlocal formulations	Samuel Forest									
144	Tuesday, 5 July 2016	A001	15:30 - 15:50	Multi-criteria optimization strategies for production chains	Jan Kusiak	AGH University of Science and Technology	Poland	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Jan Kusiak	Pawel Morkisz	Piotr Oprocha	Wojciech Pietrucha	Lukasz Sztangret					
145	Monday, 4 July 2016	N101	10:20 - 10:40	FEM Analysis of Punching-Process In Consideration of Micro Die Wear	Takashi Ueda	Department of Mechanical and System Engineering, Kyoto Institute of Technology	Japan	Topic 3: Application to metal or multi-metal forming processes	Takashi Ueda	Takashi Iizuka	Shinichi Enoki							
146	Monday, 4 July 2016	N101	16:30 - 16:50	Biomedical Titanium alloy prostheses manufacturing by means of Superplastic and Incremental Forming processes	Gianfranco Palumbo	DMMM - Politecnico di Bari	Italy	Topic 3: Application to metal or multi-metal forming processes	Antonio Piccininni	Francesco Gagliardi	Pasquale Guglielmi	Luigi De Napoli	Giuseppina Ambrogio	Donato Sorgente	Gianfranco Palumbo			
148	Monday, 4 July 2016	C002	17:10 - 17:30	Prediction of wrinkling and springback in sheet metal forming	Diogo Neto	CEMUC, University of Coimbra	Portugal	MS3: Defects and damage prediction in forming processes	Diogo Neto	Marta Oliveira	José Alves	Abel Santos	Luis Menezes					
149	Tuesday, 5 July 2016	C002	10:45 - 11:05	Oriented Object Modelization applied to Additive Manufacturing	Alexandre Schneider	URCA/CRéSTIC	France	MS8: Numerical modeling of additive manufacturing	Jean-François Couturier	Alexandre Schneider								
151	Wednesday, 6 July 2016	A001	15:10 - 15:30	Analysis of micro hydro-mechanical deep drawing using finite element method	Zhengyi Jiang	School of Mechanical, Materials and Mechatronic Engineering, University of Wollongong	Australia	MS2: Microstructure modeling in forming processes	Xiaoguang Ma	Jingwei Zhao	Zhengyi Jiang	Wei Du	Xin Zhang	Laizhu Jiang				
153	Monday, 4 July 2016	N101	16:50 - 17:10	Study on process parameters in incremental roll forming process for manufacture of 3D structural pipes	Do-Sik Shim	KITECH (Korea Institute of Industrial Technology)	Korea, Republic Of	Topic 3: Application to metal or multi-metal forming processes	Do-Sik Shim	Jong-Youn Son	Hi-Seak Yoon							
155	Monday, 4 July 2016	A002	11:40 - 12:00	Finite element analysis of non-isothermal warm deep drawing of dual phase steel	Tomaz Pepelnjak	University of Ljubljana, Faculty of Mechanical Engineering, Dept. of Manufacturing Technologies and Systems	Slovenia	IMS2: Engineering simulation of sheet forming processes	Tomaz Pepelnjak	Bilgin Kaftanoglu								
156	Tuesday, 5 July 2016	C002	09:15 - 09:35	Method for Deep Drawing Process Control Using Segmented-Multiple Active Drawbeads	Catalina Maier	Dunarea de Jos University of Galati	Romania	IMS2: Engineering simulation of sheet forming processes	Catalina Maier	Viorel Paunoiu	Vasile Marinescu	Alexandru Epureanu						



191	Wednesday, 6 July 2016	C002	11:05 - 11:25	Numerical Simulation of Temperature Distribution and Material Flow During Friction Stir Welding of 2017A Aluminum Alloys	Oussama Mimouni	Laboratory of Aircrafts, University of SaadDahlab, Blida 1, Blida, Algeria.	Algeria	MS12: Computational Fluid Dynamics in Material Forming Processes	Oussama Mimouni	Riad Badji	Mohamed Hadji	Afia Kouadri-David	Hamel Rachid	Nabil Chekroun				
192	Monday, 4 July 2016	C001	17:30 - 17:50	Heat transfer modeling in asymmetrical sheet rolling of aluminum alloys with ultra high shear strain	Alexander Pesin	Nosov Magnitogorsk State Technical University	Russian Federation	MS4: Advanced modeling of contact interfaces in forming	Alexander Pesin	Denis Pustovoytov								
193	Monday, 4 July 2016	C001	17:50 - 18:10	Modeling of the roll wear and material damage during high-ratio differential speed rolling of aluminum alloy 7075	Alexander Pesin	Nosov Magnitogorsk State Technical University	Russian Federation	MS4: Advanced modeling of contact interfaces in forming	Alexander Pesin	Denis Pustovoytov	Natalya Lokotunina							
194	Tuesday, 5 July 2016	C002	17:30 - 17:50	Finite element modeling of combined process of plate rolling and stamping	Alexander Pesin	Nosov Magnitogorsk State Technical University	Russian Federation	Topic 3: Application to metal or multi-metal forming processes	Alexander Pesin	Ernest Drigun	Denis Pustovoytov	Ilya Pesin						
198	Wednesday, 6 July 2016	C001	14:50 - 15:10	Mechanical behavior of fiber/matrix interfaces in CFRP sheets subjected to plastic deformation	Ryuta Kamiya	Keio University	Japan	Topic 4: Application to composites, polymers and other materials	Ryuta Kamiya	Tetsuo Oya								
199	Wednesday, 6 July 2016	A001	11:45 - 12:05	Selection of the best strategy for optimization of manufacturing chain for automotive parts made of multi-phase steels	Maciej Pietrzyk	AGH University of Science and Technology	Poland	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Lukasz Rauch	Krzysztof Bzowski	Grzegorz Gorecki	Jan Kusiak	Maciej Pietrzyk					
201	Monday, 4 July 2016	C001	11:40 - 12:00	Cyclic Plasticity Model with Anisotropy Evolution	Fusahito Yoshida	Hiroshima University	Japan	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Fusahito Yoshida	Hiroshi Hamasaki	Takeshi Uemori							
202	Wednesday, 6 July 2016	A002	09:15 - 09:35	Finite Element Analysis of hot Single Point Incremental forming of hip prostheses	Manel Sbayti	Laboratoire de Génie Mécanique (LGM), Ecole Nationale d'Ingénieurs de Monastir (ENIM), Université de Monastir	Tunisia	IMS2: Engineering simulation of sheet forming processes	Manel Sbayti	Andrea Ghiotti	Riadh Bahloul	Hédi Belhadjalah	Stefania Bruschi					
203	Monday, 4 July 2016	C001	14:30 - 14:50	Microstructure simulation by FE-CA model of DP600 steel welded by laser processing	Shibo Liu	INSA of Rennes	France	MS2: Microstructure modeling in forming processes	Shibo Liu	Afia Kouadri-Henni								
205	Wednesday, 6 July 2016	A001	16:50 - 17:10	Residual stresses of a magnesium alloy (AZ31) welded by the friction stir welding processes	Afia Kouadri-Henni	INSA of Rennes	France	MS6: From numerical modeling of forming processes down to in-use properties	Afia Kouadri-Henni	Laurent Barrallier	Riad Badji							
207	Wednesday, 6 July 2016	C001	17:30 - 17:50	A new shell element taking thickness-stretchability into account for mechanics-based springback compensation system	Hibiki Arashiyama	Keio University	Japan	MS7: Advanced computational methods in forming processes simulation	Hibiki Arashiyama	Tetsuo Oya								
208	Wednesday, 6 July 2016	C002	16:50 - 17:10	Fracture prediction with a material model based on stress-rate dependency related with non-associated flow rule	Tetsuo Oya	Keio University	Japan	MS5: Advanced anisotropic constitutive equations for forming processes simulation	Tetsuo Oya	Jun Yanagimoto	Koichi Ito	Gen Uemura	Naomichi Mori					
209	Monday, 4 July 2016	C002	15:30 - 15:50	Homogenization on Multi-Materials' Elements: Application to Printed Circuit Boards and Warpage Analysis	Manuel Ferreira Araújo	Minho University	Portugal	Topic 4: Application to composites, polymers and other materials	Manuel Ferreira Araújo	Luis C.M. Alves	Paulo Silva	Pedro Delgado						
210	Wednesday, 6 July 2016	C001	11:05 - 11:25	Compaction simulation of nano-crystalline metals with molecular dynamics analysis	Ar Khoei	Sharif University of Technology	Iran	MS2: Microstructure modeling in forming processes	Ar Khoei	A Rezaei	H Mofatteh	M Babaei						
211	Monday, 4 July 2016	C001	11:20 - 11:40	Simulation and Analysis of Double-Sided Incremental Forming Considering Machine Compliance	Jian Cao	Northwestern Univ	United States	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Huaqing Ren	Newell Moser	Jian Cao							
212	Tuesday, 5 July 2016	A002	16:50 - 17:10	Finite Similitude in Metal Forming	Keith Davey	The University of Manchester	United Kingdom	MS1: Generalized continua and nonlocal formulations	Keith Davey	Rooholamin Darvizeh	Anees Al-Tamimi							
213	Wednesday, 6 July 2016	A001	17:30 - 17:50	Numerical Evaluation and Extrapolation of Creep Curves by "Strain Acceleration and Transition Objective Index"	Hiroyuki Sato	Hirosaki University	Japan	MS6: From numerical modeling of forming processes down to in-use properties	Hiroyuki Sato									
215	Monday, 4 July 2016	C001	11:00 - 11:20	Plasticity in thin sheets: the 2D limit of graphene and h-BN	Harley Johnson	University of Illinois at Urbana-Champaign	United States	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Harley Johnson									
216	Wednesday, 6 July 2016	C001	11:45 - 12:05	FEM Analysis of Rapid Cooling Process of low alloy steel for predicting microstructure and its hardness	Kwango Lee	Pusan national university	Korea, Republic Of	MS2: Microstructure modeling in forming processes	Kwango Lee	Jiwoong Jang	Sukhwan Jung							
218	Monday, 4 July 2016	C001	15:30 - 15:50	Prediction of mean grain size evolution during the Forging of IN718 Turbine Disc	Haiyan Zhang	School of Mechanical Engineering, Ningbo University of Technology	China	MS2: Microstructure modeling in forming processes	Haiyan Zhang	Shihong Zhang	Ming Cheng							
221	Monday, 4 July 2016	C002	17:50 - 18:10	Numerical Simulation of Sheet Metal Formability of TRIP 800 Steel	Christopher Kohar	University of Waterloo	Canada	MS3: Defects and damage prediction in forming processes	Christopher Kohar	Daniel Connolly	Raja Mishra	Kaan Inal						
224	Wednesday, 6 July 2016	C001	17:50 - 18:10	A HIGH-ORDER TIME INTEGRATION TECHNIQUE FOR THE MODELING OF FSW PROCESSES	Narges Dialami	CIMNE	Spain	MS7: Advanced computational methods in forming processes simulation	Narges Dialami	Michele Chiumenti	Miguel Cervera	Carlos Agelet De Saracibar						
226	Wednesday, 6 July 2016	N101	11:45 - 12:05	The role of the evolutive elastic properties in the performance of a sheet formed spring applied to multimedia car industry	José Alves	Universidade do Minho	Portugal	Topic 3: Application to metal or multi-metal forming processes	Joel Silva	João Faria	Rita Ferreira	Pedro Bernardo	José Alves					
227	Wednesday, 6 July 2016	C001	14:30 - 14:50	Integrated model for the forming of glass containers	Bruno Martins	INEGI - Institute of Science and Innovation in Mechanical and Industrial Engineering	Portugal	Topic 4: Application to composites, polymers and other materials	Bruno Martins	Ana Reis	Pedro Teixeira	Margarida Machado	Jaime Rodrigues	J. César De Sá				
228	Wednesday, 6 July 2016	C002	11:25 - 11:45	Sensitivity analysis of size effect on the performance of hydrostatic bearing	Dongju Chen	College of Mechanical Engineering and Applied Electrics Technology, Beijing University of Technology	China	MS12: Computational Fluid Dynamics in Material Forming Processes	Dongju Chen	Lihua Dong	Shuai Zhou	Jinwei Fan						

230	Wednesday, 6 July 2016	N101	09:15 - 09:35	Study on the Application of Electron Beam Welding to Automatic Transmission Parts	Sung-Min Lee	Kyung Chang Industrial Corporation	Korea, Republic Of	Topic 3: Application to metal or multi-metal forming processes	Sung-Min Lee	Won-Yong Byeon	Dal-Joon Cha							
233	Wednesday, 6 July 2016	C002	09:35 - 09:55	Multiphase multicomponent modelling of macrosegregation in a 36t steel ingot	Houfa Shen	Tsinghua University	China	MS12: Computational Fluid Dynamics in Material Forming Processes	Wutao Tu	Zhenhu Duan	Houfa Shen	Baicheng Liu						
235	Wednesday, 6 July 2016	A002	09:35 - 09:55	Prediction of the Deformation Mechanism including Shear Fracture in the Sheet Metal Forming Process using FEA with the Solid Element	Se-Ho Kim	Daegu University	Korea, Republic Of	IMS2: Engineering simulation of sheet forming processes	Jong-Hwan Kwak	Se-Ho Kim	Hong-Geun Han	Chang-Yeop Lee	Jong-Kyu Park	Kee-Dong Lee	Tae-Jun Kim	Chang-Hyeok Choi		
237	Wednesday, 6 July 2016	C002	17:10 - 17:30	Induced plastic anisotropy fully coupled with ductile damage under finite strains	Zhenming Yue	School of Mechanical and Electrical Engineering, Shandong University at Weihai	China	MS5: Advanced anisotropic constitutive equations for forming processes simulation	Zhenming Yue	Houssem Badreddine	Khemais Saanouni							
238	Tuesday, 5 July 2016	N101	17:30 - 17:50	Determination of instability of a DP 980 steel sheet under different stress states based on experiment and theoretical models	Hong-Wu Song	Institute of Metal Research, Chinese Academy of Science	China	MS3: Defects and damage prediction in forming processes	Hong-Wu Song	Dong-Zhi Sun	Florence Andrieux	Shi-Hong Zhang						
240	Wednesday, 6 July 2016	A001	17:50 - 18:10	Evolution of the mechanical properties of 2024 aluminum alloys (heat-treated) used in aeronautics	Ahmed Ben Mohamed	LMAI National Engineering School of Tunis, B.P. W3038, Tunis.	Tunisia	MS6: From numerical modeling of forming processes down to in-use properties	Ahmed Ben Mohamed	Amna Znaidi	Rachid Nasri							
241	Wednesday, 6 July 2016	N101	14:30 - 14:50	Evolution of mechanical characteristics for Aluminum alloy Al 7075 (heat - treated) used in aeronautics, during maturation time and precipitation	Amna Znaidi	LMAI National Engineering School of Tunis, B.P. W3038, Tunis, Tunisia El Manar Preparatory Engineering Institute, B.P. 1172, 3018 Tunis, Tunisia	Tunisia	Topic 3: Application to metal or multi-metal forming processes	Amna Znaidi	Ahmed Ben Mohamed	Rachid Nasri							
242	Wednesday, 6 July 2016	N101	11:25 - 11:45	Behavior of Stainless steel: application of stamping	Sameh Bououni	LMAI National Engineering School of Tunis, B.P. W3038, Tunis, Tunisia El Manar Preparatory Engineering Institute, B.P. 1172, 3018 Tunis, Tunisia	Tunisia	Topic 3: Application to metal or multi-metal forming processes	Sameh Bououni	Safwen Fkaier	Amna Znaidi	Mohamed Soula						
243	Wednesday, 6 July 2016	C001	11:25 - 11:45	Effect of austenitization temperature on the microstructure and mechanical properties of B1500HS boron steel in the hot stamping	Huiping Li	Shandong University of Science and Technology	China	MS2: Microstructure modeling in forming processes	Huiping Li	Bingtao Tang	Lianfang He							
244	Monday, 4 July 2016	A001	17:30 - 17:50	Interpolation of final geometry and result fields in process parameter space	Grzegorz Misiun	Universiteit Twente	Netherlands	IMS1: Engineering simulation of Bulk forming processes	Grzegorz Misiun	Chao Wang	Hubert Geijselaers	Ton Van Den Boogaard						
245	Tuesday, 5 July 2016	A002	10:45 - 11:05	first steps of recrystallization after low deformation	Amel Samet-Meziou	first steps of recrystallization	Tunisia	MS2: Microstructure modeling in forming processes	Amel Samet-Meziou	Anne-Laure Helbert	Thierry Baudin							
246	Wednesday, 6 July 2016	C002	16:30 - 16:50	On Spallation of Oxide Scale in Low Carbon Steel during Bending	Myoung Gyu Lee	Korea University	Korea, Republic Of	MS5: Advanced anisotropic constitutive equations for forming processes simulation	Jae Min Lee	Woo Ram Noh	Chan Yang Kim	Deuk Jung Kim	Myoung Gyu Lee					
247	Tuesday, 5 July 2016	A001	16:50 - 17:10	An Element Free Galerkin method for an elastoplastic coupled to damage analysis	Zohra Sendi	National Engineers School of Monastir,Laboratory of Mechanical Engineering	Tunisia	MS7: Advanced computational methods in forming processes simulation	Zohra Sendi	Hédi Belhadjsalah	Carl Labergere	Khémais Saanouni						
248	Wednesday, 6 July 2016	N101	11:05 - 11:25	SOLUTIONS FOR SAFE COILING AND COIL HANDLING IN CASE OF THICK AND HIGH STRENGTH STEEL	Lukas Pichler	Primetals Technologies Austria GmbH	Italy	Topic 3: Application to metal or multi-metal forming processes	Stefan Sieberer	Lukas Pichler	Manfred Hackl							
250	Tuesday, 5 July 2016	A002	11:25 - 11:45	A CRYSTAL PLASTICITY FINITE ELEMENT ANALYSIS OF COMMERCIAL PURITY TITANIUM	Ji Hoon Kim	Pusan National University	Korea, Republic Of	MS2: Microstructure modeling in forming processes	Ji Hoon Kim	Joo-Hee Kang	Chang-Seok Oh							
251	Monday, 4 July 2016	A001	14:30 - 15:30	Factors Affecting Simulation in Sheet Metal Forming - Advances and Challenges -	Taylan Altan	The Ohio State University	United States	MS11: Advances in Forming Simulation. A Symposium in Honor of Professor J.L. Chenot	Taylan Altan	Ali Fallahiarezoodar								
252	Wednesday, 6 July 2016	A002	15:10 - 15:30	A new optimization procedure for the accurate characterization of thermal phase transformation curves based on controlled quenching experiments	Maurice Peterli	Institute of Virtual Manufacturing ETH Zurich	Switzerland	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Maurice Peterli	Minh-Trung Truong	Niko Manopulo	Hora Pavel						
254	Tuesday, 5 July 2016	A001	15:10 - 15:30	Optimization of the single point incremental forming process for titanium sheets by using response surface	Giraud-Moreau Laurence	Université de Technologie de Troyes	France	MS10: Design, Optimization, Inverse Methods and Uncertainties in Forming Processes	Babreddine Saidi	Giraud-Moreau Laurence	Abel Cherouat							
255	Tuesday, 5 July 2016	C002	17:50 - 18:10	Investigation of a composite ring rolling process by FEM and experiment	Joachim Seitz	Institute of metal forming RWTH University	Germany	Topic 3: Application to metal or multi-metal forming processes	Joachim Seitz	Gideon Schwich	Stefan Guenther	Gerhard Hirt						
256	Monday, 4 July 2016	N101	15:30 - 15:50	Numerical modelling of ODS steel tube cold pilgered by HPTR. Focus on experimental measurements and simulation of residual stress.	Denis Sornin	CEA, DEN, SRMA, 91191 GIF-SUR-YVETTE,France.	France	Topic 3: Application to metal or multi-metal forming processes	Denis Sornin	Edgar Alejandro Pachon	Esteban Vanegaz-Marquez	Roland Logé	Katia Mocellin					
257	Tuesday, 5 July 2016	A002	09:15 - 09:35	Full-field simulation of solidification, coarsening and forming of polycrystals	Efim Borukhovich	ICAMS, Ruhr-University Bochum	Germany	MS2: Microstructure modeling in forming processes	Efim Borukhovich	Alexander Monas	Marvin Tegeler	Ingo Steinbach						
258	Tuesday, 5 July 2016	C001	09:15 - 09:35	Modelling of joining processes with application to roll bonding of alloys	Yinan Zuo	Institute of Applied Mechanics, RWTH Aachen University	Germany	MS4: Advanced modeling of contact interfaces in forming	Yinan Zuo	Stephan Wulfinghoff	Stefanie Reese							
259	Tuesday, 5 July 2016	C001	15:10 - 15:30	Study on the manufacturing technology of transmission spline parts using aluminium in the automotive industry	Eun-Young Jung	Kyung Chang Industrial Corp. Korea	Korea, Republic Of	MS9: Modeling and numerical simulation of thixoforming processes	Eun-Young Jung	Won-Young Byun	Won-Il Lee							

