

CONFERENCE PROGRAM		JUNE 18, 2009 THURSDAY	
15:00-18:30		REGISTRATION-CONFERENCE CENTER	PINE BAY HOTEL
20:00-21:30		WELCOME RECEPTION	POOLSIDE
CONFERENCE PROGRAM		JUNE 19, 2009 FRIDAY	
9:00-9:30		OPENING SESSION: MILETUS	
		KEYNOTE SESSION	
		MILETUS	
9:30-10:30	<p>DM-97: Servo-Drive Presses – Recent Developments <i>T. Altan, A. Groseclose</i></p> <p>DM-98: Virtual Five Axis Computer Numerical Control System <i>Y. Altıntaş, B. Sencer, C. Okwudire, E. Fung</i></p>	Chairman: B.Kaftanoğlu	
10:30-10:50	MEETING ROOM-PRINE	COFFEE BREAK	MEETING ROOM - MILETUS
		COFFEE BREAK	MEETING ROOM -PERGAMUN
10:50-12:20	<p>Sheet Metal Forming</p> <p>DM 11 - New Innovations in Application of Incremental Solutions <i>M. Karima</i></p> <p>DM 45 - Topology Based Structural Die Design Optimization Technique for Sheet Metal Stamping in the Automotive Industry <i>İ.Karen, N.Kaya, F.Öztürk, B.Kaftanoğlu, C.Mitmit, E.Polat</i></p> <p>DM-100: Springback Estimation of an Automotive Part: Comparison of Numerical Simulations with Experimental Results <i>E.Onder, C.Soyarslan, B.Baranoğlu, M.Şenaltun, A.E.Tekkaya</i></p>	<p>Cutting / Milling / Machining</p> <p>DM 01 - Technology Based Tool Path Conversion for Simultaneous 5-axis Milling in Tool and Die Making <i>F. Klocke, K. Arntz, T. Bergs, L. Glasmacher, C. Richterich</i></p> <p>DM 05 - Finite Element Simulation of Machining Titanium Ti-6Al-4V Alloy <i>Y.Karpat</i></p> <p>DM 22 - Combining Different Modeling Techniques to Optimize the Simulation of the Five-Axis Milling Process <i>A.Zabel, S.Odendahl, A.Peucker</i></p>	<p>Laser / EDM</p> <p>DM-46: An Experimental study of Process Parameters in Laser Marking <i>E.Yasa, J.-P. Kruth</i></p> <p>DM-3: A Comparative Investigation of the Effects of Single and Multi-channel Electrodes in EDM Fast Hole Drilling of Aerospace Alloys <i>O. Yilmaz, A.T. Bozdana, M.A. Okka and İ.H. Filiz</i></p> <p>DM-4: A Comparative Experimental Study on Fast Hole EDM of Inconel 718 and Ti-6Al-4V <i>A.T. Bozdana, O. Yilmaz, M.A. Okka, İ.H. Filiz</i></p>
	Chairman: T.Altan	Chairman: Y.Altıntaş	Chairman: K.Erkorkmaz
12:20-14:00	LUNCH		
14:00-15:30	<p>Sheet Metal Forming</p> <p>DM-101: FE Simulation of a Two Stage Sheet Metal Production Process & Evaluation with Reverse Engineering Tools <i>Gökhan Çelik, Yahya Tunç, Evrim Dizemen, Ahmet Kurt</i></p> <p>DM 49 - Effects of Warm Temperatures on Springback Behavior of Titanium Alloys <i>Fahrettin Ozturk, Naki Polat, Arif Koksal, Remzi Ecmel Ece</i></p> <p>DM 51 - Grid Marking and Measurement Methods for Sheet Metal Formability <i>Fahrettin Ozturk, Murat Dilmeç, Mevlut Turkoz, Remzi E. Ece, Huseyin S. Halkacı</i></p>	<p>Cutting / Milling / Machining</p> <p>DM-91: Dry Cutting and Minimum Quantity Lubrication (MQL) Machining as a Contribution to Sustainable Manufacturing <i>Savas Tumis, Jiwei Xu, Klaus Weinert</i></p> <p>DM-48: Analysis of Stability of Structural Modes in Milling Processes <i>I. Bediaga, M. Zatarain, J. Muñoz, O. Zelaieta</i></p> <p>DM-67: Increasing Productivity in Die Machining Through Process Modeling <i>E. Ozturk, O. Ozkirimli, G. Suren, B. Aksu, E.Budak</i></p>	<p>Die / Mold / Tool Industry</p> <p>DM-7: Business Processes Modelling for Tool- and Diemakers with Aixperanto <i>G.Schuh, W.Boos, R.Huesmann, K.Kuhlmann</i></p> <p>DM-29: Geometric Reachability Analysis of Hot Spots for Designing Mold Temperature Control Systems <i>D. Biermann, R. Joliet, T. Michelitsch</i></p> <p>DM-80: Simulation of the Thermal Behaviour of Conformal Cooled Laser Generated Tool-Inserts <i>Andreas Gebhardt, Martin Weng, Amir Attarzadeh, Bob Bond</i></p>
	Chairman: B. Baranoğlu	Chairman: K. Arntz	Chairman: S.Odendahl
15:30-15:50	COFFEE BREAK		
15:50-17:50	<p>Sheet Metal Forming</p> <p>DM-73: On Bending of Dimensionally Accurate Components: Technologies, Mechanisms and Models <i>T. Welo</i></p> <p>DM-74: Forming of Aluminum Extrusions with Integrated T-Stiffeners for Hull Applications <i>A.Willa Hansen, F.Widerøe, T.Welo</i></p> <p>DM-87: An Experimental Simulation of Drawing Characteristics of a Dual-Phase Steel <i>Haydar Livatyali, Mehmet Fırat, M. Fatih Önhon, Gökhan Doğan, Burak Gürler</i></p>	<p>Cutting / Milling / Machining</p> <p>DM-95: Application of an Expert System to Optimize the Tool Life Based on Sequencing the Surfaces According to Decreasing Machining Time <i>R.Meshkabadi and S.Dadvandipour</i></p> <p>DM-58: Numerical Investigation of the Effect of Tool Geometry and Cutting Speed on Main Cutting Force <i>M.Zadshakouyan, H.Dolatshah</i></p> <p>DM-94: Ultrasonic-Assisted Turning of NiTi Shape Memory Alloy <i>J. Akbari, A.G. Chegini, A.R. Rajabnejad</i></p>	<p>Material Testing</p> <p>DM-30: Obtaining the Flow Stress Curve of Aluminum Alloy Sheet, Al7075, from Hydraulic Bulge Test <i>Sh.Abbasnejad,D, H.Nezami,E, F.Djavanroodi, A.Tutunchi</i></p> <p>DM-52: Determination of Temperature and Strain Rate Depended Flow Stress Equation of Al-Mg Alloy <i>S. Toros, F. Ozturk</i></p>
	Chairman: E. Tekkaya	Chairman: E. Budak	Chairman: A. Gebhardt
EVENING	FREE		

JUNE 20, 2009 SATURDAY			
HOURS	MEETING ROOM-PRIENE	MEETING ROOM - MILETUS	MEETING ROOM -PERGAMUN
9:00-10:30	<p style="text-align: center;">Roll/Sheet Forming/Extrusion</p> <p>DM-90: Finite Element Simulation of Roll Forming Process of Branched Profiles <i>M. O. Görtan, Ch. Ludwig, P. Groche, H. Livatyali</i></p> <p>DM-99: A Damage Coupled Orthotropic Finite Plasticity Model for Sheet Metal Forming <i>C. Soyarslan, A.E. Tekkaya</i></p> <p>DM-25: Enhancement of Forming Limits of Magnesium Alloys by Lateral Extrusion <i>S. Rudolf, A. Felde, M. Liewald</i></p> <p style="text-align: center;">Chairman: T. Welo</p>	<p style="text-align: center;">Machine Tools</p> <p>DM-27: Precision Machine Tool Design Based on a Planar Air Bearing System <i>J.M.Gorniak, K.Erkorkmaz</i></p> <p>DM-37: Development of a New Quick-Stop Device for the Study of Chip Formation in Turning <i>S. Dadvandipour, S.Nadimi Bavit Oliaei, B. Lotfi Sadigh, Y. Salimi</i></p> <p>DM-42: Effect of Feed Rate on Grindability of Bulk Metallic Glass <i>M.Bakkal, I.Karipçin, E.Serbest</i></p> <p style="text-align: center;">Chairman: I. Bediaga</p>	<p style="text-align: center;">Design for Manufacturing</p> <p>DM-92: Minimizing Design Process and Improving Design With Intelligent Die Design Application <i>Mustafa Bintaş, Cenk Semercioğlu, Buket Akıllı, Hülya Maraş</i></p> <p>DM-26: The Influence of Forming Process of Sheet Metals on the Energy Absorption in Wheelchair under Impact Loading <i>I.K. Yilmazcoban, O.H. Mete</i></p> <p>DM-12: Investigating of the Inlet /outlet Blades Angle Manufacturing Effects on a Centrifugal Pump's Performance using Analytical and Numerical Method <i>M.Salmani P.D, A.Asadolahi</i></p> <p style="text-align: center;">Chairman: M.Akkök</p>
10:30-10:50 COFFEE BREAK			
10:50-12:20	<p style="text-align: center;">Extrusion / Forging / Tube Forming</p> <p>DM-16: Computing the Optimized Position of the Extrusion Die cavity for a T Shaped Profile <i>H. Davarzani, K.Abrinia</i></p> <p>DM-88: Finite Element Simulation of the Tube Bending Process Using Rotary-Draw Die <i>H. Livatyali, L. Kestek</i></p> <p>DM-17: A New Die Design for the Forward Extrusion of Large Diameter Pipes <i>K.Abrinia and A. Kianifa</i></p> <p style="text-align: center;">Chairman: S. Rudolf</p>	<p style="text-align: center;">Die / Tool Manufacturing / Coatings</p> <p>DM-6: Manufacture and Performance of Deep Drawing Tools made of Thermally Coated Hard Material Shells and Polymer Casting <i>J. Witulski, M. Trompeter, A. E. Tekkaya</i></p> <p>DM-8: An Experimental Study about CBN Formation for Cutting Tools <i>H. Cesur, B. Kaftanoğlu</i></p> <p>DM-9: Machining Performance of CBN Coated Cutting Tools for Die/Mold Applications <i>H. Cesur, B. Kaftanoğlu, T. Özel</i></p> <p style="text-align: center;">Chairman: W. Tillmann</p>	<p style="text-align: center;">Design for Manufacturing</p> <p>DM-85: Control System Design Using Particle Swarm Optimization (PSO) <i>J.Hamidi, M.Ebrahimi</i></p> <p style="text-align: center;">Industrial Presentations</p> <p style="text-align: center;">Chairman: M.Bakkal</p>
12:20-14:00 LUNCH			
14:00-15:30	<p style="text-align: center;">Extrusion / Forging / Tube Forming</p> <p>DM-18: A New Method of Analysis for the ECAE Process <i>M.J. Mirnia, K. Abrinia, A.Rastgoo</i></p> <p>DM-19:FEM Simulation of the Shape Rolling of Circular into Square Tubes <i>A.Tajyar, K. Abrinia and H. Farahmand</i></p> <p>DM-65: A New Hydroforming Die to Improve the Die Corner Filling of Seamless Stepped Tube <i>M.Elyasi, P.Zoghi Pour, M.Bakhshi-Jooybari</i></p> <p style="text-align: center;">Chairman: H. Livatyali</p>	<p style="text-align: center;">Die / Tool Manufacturing / Coatings</p> <p>DM-14: Analysis of Tribological Layers on Silicon Nitride Ceramic Dies for Sheet Metal Forming <i>F. Klocke, M. Zimmermann, P. Mattfeld, H. Wegner</i></p> <p>DM-15: Machining Study of a Hard to Cut Die Forging Material - Stellite 6 <i>G. Le Coz, M. Benghersallah, A. Devillez, D. Dudzinski, D. Auzene, L. Iordache</i></p> <p>DM-23: Deposition of DLC Thin Films on Press Dies used in Compaction of Diamond Composites <i>W. Tillmann, E. Vogli, S. Momeni</i></p> <p style="text-align: center;">Chairman: A. Weckenmann</p>	<p style="text-align: center;">Industrial Presentations</p> <p style="text-align: center;">Chairman: Y. Karpat</p>
15:30-15:50 COFFEE BREAK			
15:50-17:50	<p style="text-align: center;">Extrusion / Forging / Tube Forming</p> <p>DM-66: Improvement of Bellows Die Filling by Control of Wrinkling <i>M.Elyasi, A.Baghalian, M.Bakhshi-Jooybari</i></p> <p>DM-79: Optimization of Forging Processes with a Concurrent Approach <i>Murat Öztürk, Fazıl Önder Sönmez</i></p> <p style="text-align: center;">Chairman: J. Witulski</p>	<p style="text-align: center;">Coatings / Optical Measurement</p> <p>DM-60: Cutting Performance of Coated Tools, Micro-Blasted by Grains of Various Properties <i>K.-D. Bouzakis, G. Skordaris, S. Gerardis, G. Katirtzoglou, S. Makrimalakis, F. Klocke, E. Bouzakis</i></p> <p>DM-24: Optical Topography Measurements in Manufacturing Metrology <i>Albert Weckenmann, Özgür Tan</i></p> <p style="text-align: center;">Chairman: D. Biermann</p>	<p style="text-align: center;">Industrial Presentations</p> <p style="text-align: center;">Chairman: Y. Karpat</p>
20:00	CONFERENCE DINNER		PANORAMA RESTAURANT- PINE BAY HOTEL