Fifteenth International Conference & Exhibit

MOLDING 2005
Vital Technologies for business Success
In Changing Global Market

February 2-4, 2005
Omni Royal Orleans
New Orleans, Louisiana

Organizing Committee:
Tom Betts, Battenfeld of America
John Catalano, Fairway Molds
Tim Erwin, Pitney Bowes
Amos Golovoy, AG Research
Edmond Laperierre, Wacker Silicones
Hermann Plank, Tech Group Americas
CONFERENCE AGENDA

Tuesday, February 1, 2005
07:30 pm Welcome Reception, hosted by Husky

Wednesday, February 2, 2005
08:00 Continental Breakfast.

SESSION 1: MULTI-MATERIAL MOLDING AND IN-MOLD ASSEMBLY
Moderator: Tom Betts, Battenfeld of America

8:30 MULTI MATERIAL MOLDING: OVERVIEW AND OPPORTUNITIES OF A FASCINATING TECHNOLOGY, Uwe Haupt, Engineering Manager, ARBURG

09:00 EXPERIMENTAL STUDIES IN MULTI-COMPONENT MOLDING TO INVESTIGATE BOND STRENGTH OF ENGINEERED POLYMERS
Chris Cooper, Process Development Engineer (speaker), and Gerry DiBattista, Bayer Corporation

09:30 A PROCESS FOR OVERMOLDING A TPE SEAL AROUND A CIRCUMFERENCE
Michael P. Matson (speaker), Whirlpool Corporation; R.C. Wegelin, Advanced Elastomers Systems

10:00 IN-LINE-ACTIVATION OF POLYMER SURFACES WITH ATMOSPHERIC-PLASMA MAKES FOR A STRONG BOND IN MULTI-MATERIAL-MOLDING
Simon Amesöder (speaker), M. Schusck, and G.W. Ehrenstein, University of Erlangen – Nuremberg

10:30 Coffee Break.

11:00 WATERMELT - DRAMATICALLY REDUCED CYCLE TIME
Joachim Kragl, Engel

SESSION 2: NEW OPPORTUNITIES IN LSR MOLDING
Moderator: Edmond A. Laperriere, Wacker Silicones

11:30 SELF ADHESIVE LSR, Ed A. Laperriere, Marketing Manager, Wacker Silicones

12:00 THE FOUR KEY COMPONENTS TO THE LIQUID SILICONE MOLDING ENVIRONMENT, Susan A. Messer, Project Coordinator, Elmet North America

02:30 INJECTION MOLDING MACHINE REQUIREMENTS FOR RUNNERLESS, FLASHLESS MOLDING OF LIQUID SILICONE RUBBER, Tom Betts, Battenfeld of America

03:00 LIQUID SILICONE METER MIX SYSTEMS: ADVANCEMENTS IN METERING SYSTEMS, Lance Daby, President, Fluid Automation Inc.

SESSION 3: ADVANCES IN SUPER-PRECISION AND MICRO-MOLDING
Moderator: Tim Erwin, Pitney Bowes

03:30 REDUCING RUNNER SIZES AND CYCLE TIMES BY USING MICROMOLDING
Donna Bibber, Miniature Tool & Die, Inc.

04:00 Coffee Break.

04:30 THE BASIC NECESSITIES FOR EFFECTIVE AND EFFICIENT PRODUCTION, HANDLING, AND PACKAGING OF MICRO MOLDED COMPONENTS, Stu Kaplan, MAKUTA Technics

05:00 INJECTION MOLDED & MICRO FABRICATION ELECTRONIC PACKAGING
Dennis M. Jones, Matrix, Inc.

05:30 ADVANCES IN ALL-ELECTRIC INJECTION MOLDING MACHINES FOR SUPER-PRECISION MICRO MOLDING, Michael Werner, Technical Sales Manager, Toshiba Machine

06:00 Reception, hosted by Moldflow
Thursday, February 3, 2005
09:00 Continental Breakfast.

SESSION 4: EMERGING MOLDING TECHNOLOGIES AND NOVEL HARDWARE
Moderator: Amos Golovoy, AG Research

09:30 ACHIEVING SIX SIGMA RESULTS THROUGH VIRTUAL PRODUCT TESTING
Christine Roedlich, Director, Field Services, Moldflow Corporation

10:00 INJECTION MOLDING PRODUCTS WITH EXTREME REQUIREMENTS
Lynn E. Momrow, Managing Partner, Extreme Molding LLC

10:30 MELT-MANAGEMENT TECHNOLOGIES FOR IMPROVING EFFICIENCIES, REDUCING COSTS, AND ACHIEVING SIX SIGMA,
David Hoffman, Beaumont Technologies

11:00 Coffee Break.

11:30 MAGNESIUM MOLDING: ADVANCES IN EQUIPMENT TECHNOLOGY AND OPPORTUNITIES FOR THE PLASTICS MOLDER,
John Pocock, Husky Injection Molding Systems

12:00 HIGH POWER LASER TECHNOLOGIES FOR RAPID TOOLING, TOOL REPAIR AND WEAR RESISTANCE INCREASE OF INJECTION MOLDING TOOLS
Thomas Himmer (speaker), Eric Stiles, Fraunhofer USA, Dr. Anja Techel, Dr. Steffen Nowotny, Fraunhofer IWS, and Prof. Dr. Eckhard Beyer, University of Technology at Dresden

02:30-06:00 pm WORKSHOP: MULTI-MATERIALS MOLDING
John Catalano, Fairway Molds, R. Hare, Ferromatik Milacron; L. Mauro, FOBOHA; P. Gelardi, Hekuma

Friday, February 4, 2005
09:00 Continental Breakfast.

SESSION 5: MANUFACTURING CELLS: how to add value to injection molding services
Moderator: Hermann Plank, The Tech Group

09:30 MANUFACTURING CELL OVERVIEW: HOW TO STAY AHEAD OF YOUR COMPETITION,
Hermann Plank, Business Development Manage, The Tech Group

09:45 AUTOMATED MANUFACTURING – SURVIVAL IN A PRICE COMPETITIVE MARKET
Rick Shaffer, President, Netstal Machinery Inc.

10:15 PLASTIC AUTOMATION - COMPETITIVE STRATEGY IN A GLOBAL MARKET
David Preusse, President, Wittmann, Inc.

10:45 AUTOMATION CAN STOP THE RELOCATION OF YOUR PRODUCTION SITE TO A LOW-WAGE COUNTRY,
Thomas Marufke, VP Sales, Neureder AG (Germany)

11:15 Coffee Break

11:30 SPIN STACK TECHNOLOGIES IN IN-MOLD PAINTING
Jes Gram, President, Gram Technology

12:00 MAXIMIZING THE USE OF THE MOLDING MACHINE PICK AND PLACE ROBOT
Horst Schmidt, Director R&D, A.P. Plasman Corporation

12: 30 INJECTION MOLDING: INTEGRATING THE PROCESS FROM CONCEPT TO PRODUCTION,
Tim Triplett, Executive Vice President and General Manager, Moldflow

01:00 Conference Adjournment.