

## 2019 Molding Conference Sessions

| Session Title   | Date and Time               | Location              | Track  | Speaker(s)  |
|---|-----------------------------|-----------------------|--|---|
| Breakfast & Registration  | 03/19/2019<br>7:00 - 08:00  | Cosmopolitan Ballroom |  |   |
| Data Gathering and Analysis: The Key to Tomorrow's 'Smart' Molding Plant          | 03/19/2019<br>8:00 - 08:30  | Cosmopolitan Ballroom |  | Alan Landers; Product Manager; Conair Group   |
| Troubleshooting: Melt Delivery Systems Required for Scientific Molding            | 03/19/2019<br>8:30 - 09:30  | Cosmopolitan Ballroom | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | John Bozzelli; Founder; Injection Molding Solutions   Bill Hartwick; Business Director; Filter Specialties Co.   Rich Oles; President/CEO; ALBA Enterprises |
| Reducing Inspection Based on Data Driven Results from Design of Experiments (DOE) | 03/19/2019<br>9:30 - 10:00  | Cosmopolitan Ballroom | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | Suhas Kulkarni; President; FimmTech Worldwide   |
| Mid-Morning Networking Break  | 03/19/2019<br>10:00 - 10:30 |                       |  |   |
| Connected Process - The Butterfly Effect of Process Changes                       | 03/19/2019<br>10:30 - 11:00 | Cosmopolitan Ballroom | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | Robert Gattshall; Engineering Manager; IPL Plastics   |

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| A Case History of Effective Training and the Future of Molding          | 03/19/2019<br>11:00 -<br>11:30 | Cosmopolitan Ballroom   | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | Todd Bryant; Senior Lead Instructor; Paulson Plastics Academy   Don Paulson; Chairman; Paulson Training Programs Inc.   |
| Morning Recap Panel Discussion  | 03/19/2019<br>11:30 -<br>12:00 | Cosmopolitan Ballroom   | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | Alan Landers; Product Manager; Conair Group   Robert Gattshall; Engineering Manager; IPL Plastics   John Bozzelli; Founder; Injection Molding Solutions   Bill Hartwick; Business Director; Filter Specialties Co.   Suhas Kulkarni; President; FimmTech Worldwide   Todd Bryant; Senior Lead Instructor; Paulson Plastics Academy   Don Paulson; Chairman; Paulson Training Programs Inc.   Rich Oles; President/CEO; ALBA Enterprises |
| Lunch   | 03/19/2019<br>12:00 -<br>01:30 | Cosmopolitan Ballroom   |  |   |
| R&D Tax Credits – Tax Savings for Innovation                            | 03/19/2019<br>12:30 -<br>01:00 | Cosmopolitan Ballroom   | GS Best Practices: Molding for Consistent Quality & Optimum Productivity | Michael Devereux; Partner and Director of Manufacturing, Distribution and Plastics Industry Services; Mueller Prost CPAs + Business Advisors  |
| In-Mold Decorating & In-Mold Electronics Market & Opportunities         | 03/19/2019<br>1:30 - 02:00     | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics     | Corey Reardon; President & CEO; AWA Alexander Watson Associates   |
| What Does a Packaging Machine Need?                                     | 03/19/2019<br>1:30 - 02:00     | Discovery Breakout Room | Medical, Packaging & Precision Molding                                   | Juergen Giesow; Director of Technology and Engineering; ARBURG Inc  |
| All-Electric Machines Prove Capable for High-Speed, Thin-Wall Packaging | 03/19/2019<br>2:00 - 02:30     | Discovery Breakout Room | Medical, Packaging & Precision Molding                                   | Jim Overbeeke; Business Development Manager; Engel Global   |

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| What's New in In-Mold Decorating (IMD)  | 03/19/2019<br>2:00 - 02:30 | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Joachim Kragl; Director of Advanced Injection Molding Systems; Engel Machinery, Inc. |
| Dual IMD & IML Injection Molding In a Single Cycle  | 03/19/2019<br>2:30 - 03:00 | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Jason Holbrook; Sales Manager; KraussMaffei  |
| Further Advances in Novel Low-Pressure Molding Process  | 03/19/2019<br>2:30 - 03:00 | Discovery Breakout Room | Medical, Packaging & Precision Molding                               | Gene Altonen; CTO; iMFLUX  |
| Mid-Afternoon Networking Break  | 03/19/2019<br>3:00 - 03:30 |                         |  |  |
| Advances in Physical Foaming and Inspection Technology  | 03/19/2019<br>3:30 - 04:00 | Discovery Breakout Room | Medical, Packaging & Precision Molding                               | Leo Devellian; Business Development Manager; Trexel                                  |
| Weight Reduction of Plastic Components with the Latest Technology                                 | 03/19/2019<br>3:30 - 04:00 | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Juergen Giesow; Director of Technology and Engineering; ARBURG Inc                   |
| Multi-Nozzle Low-Pressure Injection Machines Enable Ultra-Large-Part Molding with Unique Benefits | 03/19/2019<br>4:00 - 04:30 | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Eric Hallstrom; Business Manager Low-Pressure Molding Technologies; Milacron         |
| New Approach to an Old Problem: Rethinking Injection-Unit Design for LSR and Thermoplastics       | 03/19/2019<br>4:00 - 04:30 | Discovery Breakout Room | Medical, Packaging & Precision Molding                               | Michael Durina; Owner; MD Plastics Inc.  |
| Boost Productivity and Aesthetics with Ultra High Flow ABS  | 03/19/2019<br>4:30 - 05:00 | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Tom Chu; Business and Technology Development Manager; ELIX POLYMERS                  |

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| The Need for Small Dryers with the Advanced Features Normally Found Only on Larger Models        | 03/19/2019<br>4:30 - 05:00  | Discovery Breakout Room | Medical, Packaging & Precision Molding                               | Gene Flockerzi; General Manager; Moretto USA                                 |
| 6 Purging Tips for Molding Large Parts   | 03/19/2019<br>5:00 - 05:30  | Cosmopolitan Ballroom   | Medium & Large Parts Molding for Mechanical Performance & Aesthetics | Jarred Packard; Project Engineer; ASACLEAN                                   |
| Making Full Traceability Automated & Accessible for Medical Molders                              | 03/19/2019<br>5:00 - 05:30  | Discovery Breakout Room | Medical, Packaging & Precision Molding                               | Paul Maguire; CEO; Riverdale Global  |
| Reception  | 03/19/2019<br>5:30 - 07:00  |                         |  |  |
| Breakfast & Registration   | 03/20/2019<br>7:00 - 08:00  | Cosmopolitan Ballroom   |  |  |
| The Difference Between Designing for Additive Manufacturing and Injection Molding for Production | 03/20/2019<br>8:00 - 08:30  | Cosmopolitan Ballroom   |  | Scott Kraemer; Production Development Engineer; Carbon                       |
| High-End Automation for High-Volume Consumables  | 03/20/2019<br>8:30 - 09:00  | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation                      | Markus Klaus; General Manager; Hahn Plastic Automation                       |
| Best Practices for Successful Robotics & Automation Projects                                     | 03/20/2019<br>9:00 - 09:30  | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation                      | Dino Caparco; Engineering Operations Manager; Yushin America, Inc.           |
| Useful Tips on Applying Robots & Automation to Your Molding Process                              | 03/20/2019<br>9:30 - 10:00  | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation                      | Jason Long; National Sales Manager- Robots & Automation; Wittmann Battenfeld |
| Mid Morning Networking Break   | 03/20/2019<br>10:00 - 10:30 |                         |  |  |
| Expanding Robots & Automation in the Injection Molding Industry                                  | 03/20/2019<br>10:30 - 11:00 | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation                      | Steve Williams; Applications Engineer; Sepro America                         |

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| How to Evaluate Collaborative Robots for Plastics Production  | 03/20/2019<br>11:00 - 11:30 | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation    | Andrew Jones; Sales Development Manager; Universal Robots                                 |
| Increase Press Productivity With Mold Change Speed, Reliability and Safety                              | 03/20/2019<br>11:30 - 12:00 | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation    | Steve Nystrom; QMC Specialist & Key Account Manager; Staubli Corp.                        |
| Digital Alloys: New Metal Additive Manufacturing Technology - The Fastest Way to Make the Hardest Parts | 03/20/2019<br>12:30 - 01:00 | Cosmopolitan Ballroom   | GS Best Practices: Applying Robots & Automation    | Alex Huckstepp; VP Business Development; Digital Alloys                                   |
| Defect Prevention in LSR Molding Using Autonomous Optimization and "Virtual Molding" DOE                | 03/20/2019<br>1:30 - 02:00  | Discovery Breakout Room | LSR Molding  | Gabriel Geyne; Application Engineer; SIGMASOFT Virtual Molding                            |
| Improving OEE Scores with Dry Ice in Injection Molding  | 03/20/2019<br>1:30 - 02:00  | Studio One              | Technology for Today's Molders                     | Steve Wilson; Global Business Unit Director - Plastics, Rubber & Composites; Cold Jet LLC |
| Setting Up a Digital Factory: Challenges, Stepwise Implementation & Available Tools                     | 03/20/2019<br>1:30 - 02:00  | Cosmopolitan Ballroom   | Preparing for the New Era of Digital Manufacturing | Erol Yurtluk; Sales Manager; TIG GmbH   |
| A Simpler Approach to Process & Production Monitoring and Process Control                               | 03/20/2019<br>2:00 - 02:30  | Cosmopolitan Ballroom   | Preparing for the New Era of Digital Manufacturing | Andras Szucs; CTO; Cavity Eye Hungary Ltd.  |
| New Technology for Cold-Runner Control & Process Monitoring   | 03/20/2019<br>2:00 - 02:30  | Discovery Breakout Room | LSR Molding  | Steve Broadbent; General Manager; ACH Solution USA Inc.                                   |
| What Melt Temperature Analysis Can Do to Improve Your Process   | 03/20/2019<br>2:00 - 02:30  | Studio One              | Technology for Today's Molders                     | Michael Durina; Owner; MD Plastics Inc.   |
| Building a Turnkey LSR Molding Cell from Prototype to Full-Scale Production                             | 03/20/2019<br>2:30 - 03:00  | Discovery Breakout Room | LSR Molding  | GREG ROEMBKE; President; Roembke Mfg & Design, Inc  |
| How Vacuum Drying Can Save Injection Molders Time, Money and Energy                                     | 03/20/2019<br>2:30 - 03:00  | Studio One              | Technology for Today's Molders                     | Frank Kavanagh; Vice President, Sales and Marketing; Maguire Products, Inc.               |

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| Intelligent Industrial Automation: Using Your Process Data to Solve Quality, Downtime, and Production Problems                                   | 03/20/2019<br>2:30 - 03:00 | Cosmopolitan Ballroom   | Preparing for the New Era of Digital Manufacturing | Willem Sundblad; CEO & Co-Founder; Oden Technologies                           |
| Mid-Afternoon Networking Break   | 03/20/2019<br>3:00 - 03:30 |                         |  |  |
| Remote Standardization, Validation, & Monitoring of Injection Molds  | 03/20/2019<br>3:30 - 04:00 | Cosmopolitan Ballroom   | Preparing for the New Era of Digital Manufacturing | Lorena Fisher; Specification Implementation Manager; Progressive Components    |
| Technology to Improve OEE, Repeatability & Profitability in LSR Molding  | 03/20/2019<br>3:30 - 04:00 | Discovery Breakout Room | LSR Molding  | Kent Royer; technical product manager - electric injection molding; Milacron   |
| Using Advanced Drying Techniques to Maintain Resin Properties & Avoid Yellowing  | 03/20/2019<br>3:30 - 04:00 | Studio One              | Technology for Today's Molders                     | Mark Haynie; Dryer Product Manager; Novatec                                    |
| New Developments in LSR Metering Systems   | 03/20/2019<br>4:00 - 04:30 | Discovery Breakout Room | LSR Molding  | Bob Pelletier; Managing Director; ELMET North America Inc.                     |
| Novel Device Requiring No Signal Conditioning to Detect Melt Position  | 03/20/2019<br>4:00 - 04:30 | Studio One              | Technology for Today's Molders                     | Brad Johnson; Lecturer in Engineering; Penn State Erie, The Behrend College    |
| Predictive Analytics Improve Auxiliary Uptime and Efficiency – Cloud Optional  | 03/20/2019<br>4:00 - 04:30 | Cosmopolitan Ballroom   | Preparing for the New Era of Digital Manufacturing | Jim Zinski; President & COO; MachineSense LLC                                  |
| 3D Printing or Injection Molding?  | 03/20/2019<br>4:30 - 05:00 | Discovery Breakout Room | LSR Molding  | Ken Burns; Technical Director; Forecast 3D                                     |
| New PP Modifiers Offer Molders Solutions to Improve Processability, Enhance Toughness/MFR Balance & Allow Use of More Recycled PP in Their Parts | 03/20/2019<br>4:30 - 05:00 | Studio One              | Technology for Today's Molders                     | Prem Patel; Global Strategy & Business Development Manager; Milliken & Company |

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| People 4.0—How Industry 4.0 Affects the Production Floor Employees                            | 03/20/2019<br>4:30 - 05:00  | Cosmopolitan Ballroom | Preparing for the New Era of Digital Manufacturing | Max Preston; General Manager; Smart Attend   |
| Effectively Reclaiming Scrap with Technologically Advanced Granulators                        | 03/20/2019<br>5:00 - 05:30  | Studio One            | Technology for Today's Molders                     | Robert Harrison; Product Sales Manager - Size Reduction Group; Universal Dynamics, Inc     |
| How to Calculate and Cut Correct Shrink into Your Tool Using Plastic Flow Analysis Simulation | 03/20/2019<br>5:00 - 05:30  | Cosmopolitan Ballroom |  |  |
| How to Calculate and Cut Correct Shrink into Your Tool Using Plastic Flow Analysis Simulation | 03/20/2019<br>5:00 - 05:30  | Cosmopolitan Ballroom | Preparing for the New Era of Digital Manufacturing | Rick Carobus; President; EPS FloTek  |
| Reception   | 03/20/2019<br>5:30 - 07:00  |                       |  |  |
| Breakfast & Registration  | 03/21/2019<br>7:00 - 08:00  | Cosmopolitan Ballroom |  |  |
| Strategies for Getting Your Mold Commissioned Faster  | 03/21/2019<br>8:00 - 08:30  | Cosmopolitan Ballroom |  | Alex Beaumont; Director of Business Development; Beaumont Technologies                     |
| Process Cooling with VFDs and the Next Evolution of Mold-Temperature Control Units            | 03/21/2019<br>8:30 - 09:00  | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling               | Tom Stone; Aquatech National Sales Manager; Universal Dynamics                             |
| Water - What Are The Essential Requirements for Molding?                                      | 03/21/2019<br>9:00 - 09:30  | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling               | Rick Hagfors; National Sales Manager- Material Handling & Auxiliaries; Wittmann Battenfeld |
| Conformal Cooling: The Future of Thermal Control in Plastic Injection Molds                   | 03/21/2019<br>9:30 - 10:00  | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling               | David Moore; Business Development Manager - DME; Milacron                                  |
| Mid-Morning Networking Break  | 03/21/2019<br>10:00 - 10:30 |                       |  |  |
| Optimizing Mold Cooling   | 03/21/2019<br>10:30 - 11:00 | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling               | Mark Brown; CEO; Burger & Brown Engineering  |

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| Rethinking Nozzle Tips and Sprue Orifices   | 03/21/2019<br>11:00 -<br>11:30 | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling | Randy Kerkstra; Product Development; PCS Company |
| How to Extinguish a Firefighting Culture in Mold Maintenance                                      | 03/21/2019<br>11:30 -<br>12:00 | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling | Steve Johnson; President; MoldTrax LLC           |
| Advanced Pin Control—From Simulation Through Process Development in Hot-Runner Valve-Gate Molding | 03/21/2019<br>12:00 -<br>12:30 | Cosmopolitan Ballroom | GS Best Practices: Tooling & Cooling | Robert Harvey; Sales Director NA; HRSflow        |