



Wednesday, September 19—5:30 pm: Opening Reception & Registration (Suite 1030)

Thursday, September 20 (Century Room A)

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| 8:00-8:30 | <i>Registration</i> | | |
| 8:30-8:45 | <i>Opening Remarks</i> | Thomas Jensen | Flow Science, Inc. |
| 8:45-9:15 | <i>An Evaluation of Computational Fluid Dynamics for Spillway Modeling</i> | Paul G. Chanel | University of Manitoba |
| 9:15-9:45 | <i>Numerical Simulation of Magnetohydrodynamic Effects in Continuous Casting Process</i> | Sungyul Yoo | Soft-Tech International, Inc. |
| 9:45-10:15 | <i>Getting the Most Out of Your FLOW-3D Results with Tecplot 360</i> | Durrell Rittenberg | Tecplot |
| 10:15-10:30 | Break | | |
| 10:30-11:00 | <i>An Analysis of the Flow Patterns within a Denil Fishway</i> | Bruce Savage | Idaho State University |
| 11:00-11:30 | <i>Using FLOW-3D Flux Surfaces in Sand Casting Simulation</i> | Matti Sirviö | Simtech Systems Inc. Oy. |
| 11:30-12:00 | <i>Simulation of the surge following a full load rejection at the Proposed Wuskwatim Generating Station</i> | Kevin Sydor | Manitoba Hydro |
| 12:00-1:30 | Lunch on your own | | |
| 1:30-2:00 | <i>An Introduction to Productive Postprocessing of FLOW-3D Simulation Results using FIELDVIEW.</i> | Matthew N. Godo | Intelligent Light |
| 2:00-2:30 | <i>Sediment Scouring due to Horizontally-Translating, High Volume, Impinging Jets</i> | Abel Vargas | Naval Surface Warfare Center - Carderock Division |
| 2:30-3:00 | <i>Simulation of Standing Waves Driven by Surface Jets</i> | Fabián A. Bombardelli | University of California, Davis |
| 3:00-3:15 | Break | | |
| 3:15-3:45 | <i>Thermal/Fluid Analysis in Inkjet Printing</i> | Christopher N. Delametter | Eastman Kodak Company |
| 3:45-5:00 | <i>A Look Ahead at FLOW-3D V9.3</i> | James M. Brethour | Flow Science, Inc. |
| 6:30 | Reception & Dinner, hosted by Flow Science (Century Room B) | | |

Friday, September 21 (Century Room A)

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| 8:30-9:00 | <i>Quality Assessment of Casting Filling Method using a Froude Number Criterion</i> | Carl Reilly | University of Birmingham |
| 9:00-9:30 | <i>Tundish Simulations with FLOW-3D— Water Model and Steel Plant Validations</i> | Petri Väyrynen | Helsinki University of Technology |
| 9:30-10:00 | <i>Extreme Visualization and Communication of A356 Can Casting Using EnSight</i> | Kevin Colburn | CEI |
| 10:00-10:15 | Break | | |
| 10:15-10:45 | <i>Low-Gravity Modeling of Cryogenic Spray Bar Tanks</i> | Gary Grayson | The Boeing Company |
| 10:45-11:15 | <i>Head Loss Calculations in the Intake Tunnel of the Manic-5PA Powerhouse Using the FLOW-3D Numerical Model</i> | Sonia Colameo and Rémi Robbe | Hydro-Québec |
| 11:15-11:45 | <i>Simulating Core Gas Production</i> | Preston Scarber, Jr. | University of Alabama at Birmingham |
| 12:00-1:30 | Lunch on your own | | |
| 1:30-2:30 | <i>Comparison of Simulation and Experiments of a Thermal Inkjet Printhead</i> | Shirish Mulay | Lexmark |
| 2:00-2:30 | <i>Prediction of Mechanical Properties of Aluminum Castings Based on the Numerical Simulation of the Casting Process</i> | Matthias Todte | CFD Consultants |
| 2:30-2:45 | Break | | |
| 2:45-3:30 | <i>On the Validation of FLOW-3D as Applied to Propellant Tank Slosh Modeling</i> | Dean Schrage | Analex Corporation |
| 3:30- | <i>Open forum</i> | | |

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