

## BTI's 10th Birthday and \$100 Million Savings

100 million dollars! That is the calculated (and conservative) amount of money that our customers have saved by using melt rotation technologies as a business strategy over the past decade.

Actually that dollar savings is much larger when taking into account no additional capital equipment purchases were required when using this technology, says BTI Founder and President John Beaumont. These, and other technologies built on the original MeltFlipper melt rotation solution, have made a major impact in terms of savings and competitiveness in the injection molding community. **Contact BTI today to get your piece of the next \$100 Million savings pie.**



## "Science of Mold & Part Design Optimization" Training Seminar

BTI's "Science of Mold and Part Design Optimization" Training Seminar will be held on May 14th and 15th at Incoe Corp. in Troy, MI, and is open to public registration. This two-day seminar will benefit production managers, part and mold designers, mold makers, process engineers, and quality control personnel. The class provides an in-depth understanding of: the various types of plastics; what happens to plastics as they flow inside the mold; how to identify and solve the root causes of non-uniform shrink and warp; fundamental part design principles; how to select a gate location(s); how to choose, design, and optimize melt delivery systems; and general discussions regarding some of the molding myths that plague our industry.



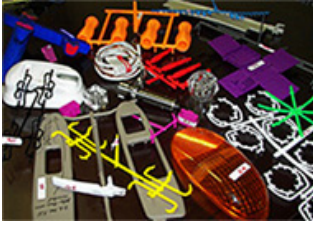
Training begins at 8am and ends at 5pm each day. The cost is \$850 per person and includes breakfast and lunch both days, as well as dinner on Wednesday. Each registrant will receive a free copy of the "Runner and Gating Handbook 2nd Edition," written by BTI President, John Beaumont. During lunch on Thursday, Incoe Corp. will be presenting on Incoe's Hot Runner Systems and partnership product OptiFlo. **Click [here](#) for more information and online registration.**

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## Product Development



Increasing requests by various customers have prompted Beaumont Technologies, Inc. (BTI) to offer new Advanced Product Development Services. What helps set BTI's new services apart from other product development firms is BTI's expertise regarding plastic rheology and material flow technologies.

Specialized services and development tools offered by BTI for new product development or existing product enhancement include:

- . Pro-Engineer solid modeling
- . Various mold filling simulation software
- . In-house molding and testing capabilities
- . Rheological verification molds
- . Finite element analysis
- . WebEx online meeting software
- . Several patented rheological technologies

Product development projects can be submitted to BTI through our [website](#). Challenges welcome.

## BTI Presents "Effect of Gate Diameter on Filling Imbalance in Multi-Cavity Molds" at MoldMaking Expo 2008

BTI will be presenting a study regarding gate size tolerances and their effect on mold filling variations and imbalances and the sensitivity to gate size variations. For example, gates machined within common tooling tolerances may result in a minimum of 10% filling variation between cavities. The seminar will focus on the results from two studies.

The first study presents data using filling simulation to predict filling variations resulting from common gate size tolerance ranges. The second study presents imbalance data from a 32-cavity mold and the relationship between the gate size variations measured in the mold. The seminar will certainly give attendees a new appreciation regarding the importance of gate size consistency and tolerance ranges.

This seminar will be held at 4:00pm on April 24. **More information about the conferences at MoldMaking Expo is available on their [website](#).**

## Upcoming Events

 <p><b>MoldMaking Expo 2008</b> Rock Financial Showplace Booth # 631 Novi, MI Date: April 23-24, 2008 <a href="http://www.moldmakingexpo.com">www.moldmakingexpo.com</a></p>	 <p><b>The Science of Mold &amp; Part Design Optimization Training Seminar</b> Incoe Corp. Troy, MI Date: May 14-15, 2008 Reservations by emailing: <a href="mailto:mmyers@beaumontinc.com">mmyers@beaumontinc.com</a></p>	 <p><b>Injection Molding Innovations &amp; Emerging Technologies Conference</b> Penn State Erie, the Behrend College Date: June 10-12, 2008 Contact Prof. Brad Johnson for details &lt;<a href="mailto:mailto:bjj1@psu.edu">mailto:bjj1@psu.edu</a>&gt;</p>
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