



## Art to Part

By Marcia Swan, Editor

This issue of *Flowfront* is our “show piece,” coinciding with the International Moldflow User Group Conference (iMUG05), held this year in Orlando, Florida, October 25-27. In these pages as well as at iMUG05, customers, industry experts and Moldflow staff share success stories, business philosophies and product innovations that impact plastic products from art to part.

Our focus in this issue is on the next release of our flagship product, Moldflow Plastics Insight® (MPI®) design analysis software. MPI 6.0 delivers a host of technology advancements reduce total project turnaround, improve efficiency and enhance product performance. Preview of new technologies and key enhancements to analytical solvers that dramatically reduce solution time for true 3D analysis applications, provide new result displays in answer to specific user requests, and deliver new interface capabilities to popular structural analysis applications. Learn about user interface enhancements, which allow users to more easily analyze complex parts, compare more alternatives and ultimately, complete more projects.

Meet Moldflow Communicator, a utility developed to address the needs of distributed product teams. With Communicator, the assumptions, quality and applicability of CAE analyses can be better understood and accounted for, and the knowledge gained from performing analyses can be shared more effectively among all participants in the design to-manufacturing process. Communicator will be rolled out for other Moldflow software products in the coming months.

Among our customer contributions in this issue, you'll find a molder's perspective on the challenges facing manufacturers today as Gene Wells, senior process engineer at DJ/Nypro Plastics, discusses rigorous mold tryout. You'll also find out how ITT Industries (Dole, France) successfully uses Moldflow technology to validate part designs for thin-wall molding applications.

Significant developments to the full line of Moldflow Manufacturing Solutions products are highlighted. Find out what's new in the latest Celltrack™, MPX® and Shotscope® releases, and learn how to use available options for Altanium® hot runner process controllers to detect and avoid common molding problems.

Finally, Oren Harari, a highly regarded professor of business management and iMUG05 keynote speaker, gives us his views on the “Business Intelligence Quotient” and why it's critical for competitive success in today's economy.

Whatever role you fill in taking plastic products from art to part, you will find information here about technology innovations, product applications and business practices that benefit every stage of product development through manufacturing.

I hope we will see you in Orlando and at future iMUGs, and I welcome your feedback on *Flowfront* and Moldflow products throughout the year to [flowfront@moldflow.com](mailto:flowfront@moldflow.com).