

Better Mold Design and Shorter Cycle Times with Conformal Cooling and Hot Runner Analysis in Autodesk® Simulation Moldflow® Insight 2013

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Learning Objectives

At the end of this class, you will be able to:

- Explain what hot runners and conformal cooling are and why they are used
- Describe advances in simulation of hot runners and conformal cooling in Simulation Moldflow Insight 2013
- Use Simulation Moldflow Insight to troubleshoot and optimize hot runners
- Use Simulation Moldflow Insight to evaluate whether an investment in conformal cooling will pay off

About the Speaker

Dr. Franco Costa is a Senior Research Leader for the Autodesk® DLS-Simulation group. Over 20 years with Autodesk Moldflow®, he has contributed to the technologies of 3-dimensional flow simulations, thermal analysis, crystallization analysis, structural analysis, final net part shape prediction and multi-physics for the plastic injection molding simulation industry. Starting with Autodesk Moldflow as a doctoral scholar, Franco has moved through roles as a research engineer, development team leader, and manager and now leads key strategic research projects for the Autodesk Simulation technology group. Franco has presented at academic conferences in the field of polymer processing, acts as a referee on international journals, and often presents overviews of Autodesk Moldflow research technology directions at Autodesk Moldflow user meetings. Franco is based in the Autodesk R&D Center in Melbourne, Australia

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Please see the presentation slides for the class content