

**2012 Molding Innovation Day**

Greener, Cleaner, Leaner Manufacturing

Sep 4, 2012, 09:00 – 15:30 (Seminar)

Sep 5, 2012, 09:00 – 16:30 (Workshop)

Lower Locks Room, UMass Lowell Inn & Conference Center

**Complimentary event**

Moldex3D is collaborating with the University of Massachusetts-Lowell, along with several molding technology vendors, to host a technical seminar “Molding Innovation Day”. This will be held on September 4-5, 2012 at the Lower Locks Room, UMass Lowell Inn & Conference Center.

During this two-day seminar, specialists from different molding applications are invited to give presentations on the latest innovative technologies in “Green” concepts, including Conformal Cooling, MuCell®, Hot Runner and Sensor Technology. Discussions will include these advanced plastic molding technologies in the context of real cases and how they can be applied in your industry to improve product quality. Come join us and be part of this educational event. Help make a difference in resource conservation. We are looking forward to receiving you in UMass-Lowell campus! Seats are limited. [Sign up](#) now!



**Featured Topics**

- MuCell® Injection Molding: Unique Process Solutions for Plastic Parts
- Mold Thermal Management: Conformal Cooling,
- Hot Runner
- Highlights of Latest Simulation Capabilities

**Venue**

Lower Locks Room, UMass Lowell Inn & Conference Center  
(50 Warren St. Lowell, MA 01852)

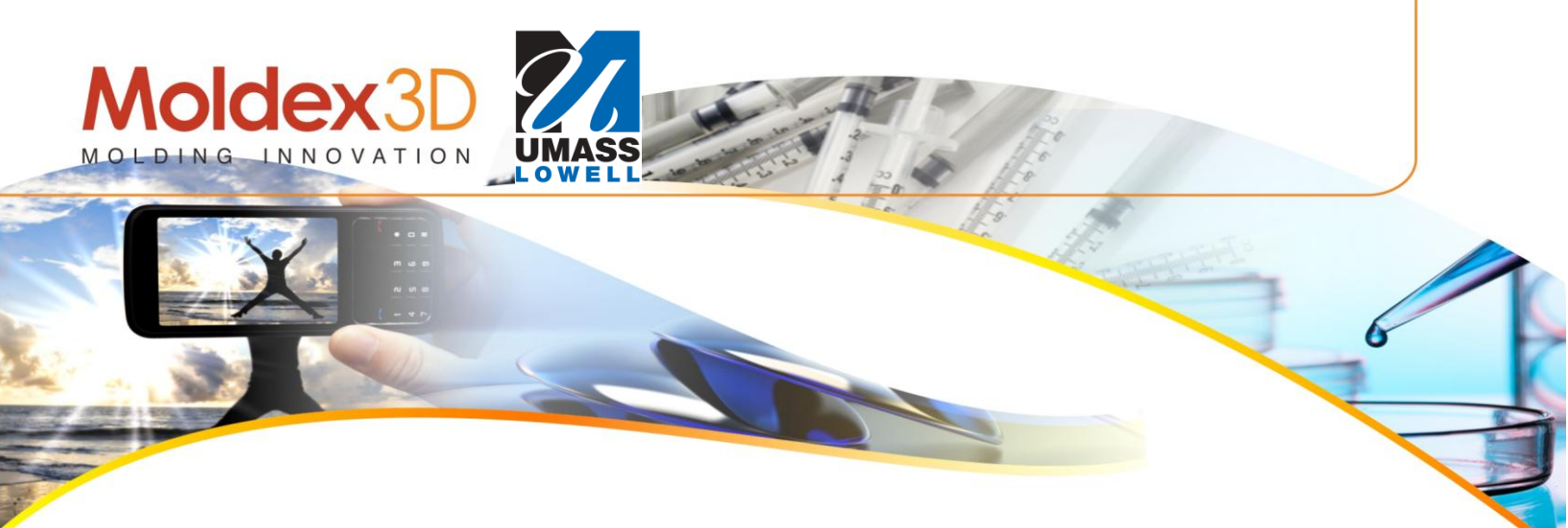
**Event Contact**

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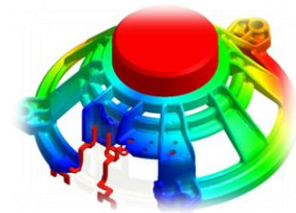
**Agenda (Day 1)**

Time	Featured Topic	Presenter
09:00 - 09:30	Registration	
09:30 - 09:50	Welcome and Overview of UMass-Lowell	Prof. Robert Malloy Professor and Department Chair, Plastics Eng. at UMass-Lowell
09:50 - 10:30	Challenges in Simulation	Prof. David Kazmer Department of Plastics Eng. UMass-Lowell & Mech. & Ind. Eng, UMass-Amherst
10:30 - 10:50	Coffee Break	
10:50 - 11:20	MuCell <sup>®</sup> Process - How to Control Cell size and Cell Distribution for Better Product Quality While Reducing Product Weight and Warp	Philip Greco Applications Development Engineer of Trexel, Inc.
11:20 - 11:50	Advanced Hot Runner - Applications of Simulation to Design, Optimize, and Troubleshoot Hot Runner Systems	Patrick Tooman CEO of Plastic Engineering & Technical Services
11:50 - 01:00	Lunch Break	
01:00 - 01:30	CAE application in Plastic injection molding	Prof. Fang Lai Department of Plastics Eng. at UMass-Lowell
01:30 - 02:00	Moldex3D Simulation Technology for Innovative Molding Processes	Dr. Anthony Yang Chief Technology Officer of Moldex3D North America
02:00 - 02:20	Coffee Break	
02:20 - 02:50	Plastic Melt Front Detection Based Controls for injection molding	Susan E. Montgomery President of PRIAMUS System Technologies
02:50 - 03:20	EOS direct metal laser sintering (DMLS) tooling solution and strategy	Andy Lucibello Area Sales Manager of EOS of North America
03:20 - 03:30	Q & A, Raffle and Farewell	



**Agenda (Day 2) @ Moldex3D Computer Aided Flow Analysis Laboratory**

Time	Workshop Agenda
09:00 - 09:30	Registration
09:30 - 09:50	Moldex3D Analysis Overview
09:50 - 10:20	Your first Moldex3D Analysis on your part*
10:20 - 10:40	Break
10:40 - 12:00	Result Interpretation
12:00 - 01:00	Lunch
01:00 - 04:30	More Moldex3D Hands-On practice and Result Discussion (Optional)



*\* To assure an efficient practice on your part during the workshop, please bring your CAD Native files or STEP files*

**Instructor**



Vijay Kudchadkar

Mr. Kudchadkar has received a BE (Polymer Engineering) from University of Pune, India and a MS (Plastics Engineering) from UMass Lowell. He has over 7 years of experience in utilizing injection molding simulation to optimize part and mold designs, hot-runners, manifold, and troubleshooting. Vijay has performed over 500 simulations on injection molded parts, hot-runners, and molds. He is proficient with molding simulation CAE packages. Vijay has numerous publications and four (4) patents in plastics processing.

[Register Now](#)

The full program is a two day seminar, although each day is self-standing. You can choose to attend for either: Day 1, Day 2 or both days consecutively.