

Cars of the Future:

Lower Cost, Lighter Weight, and Improved Performance for Plastics!



Friday, August 3rd, 2012, 08:30 a.m. – 04:00 p.m.

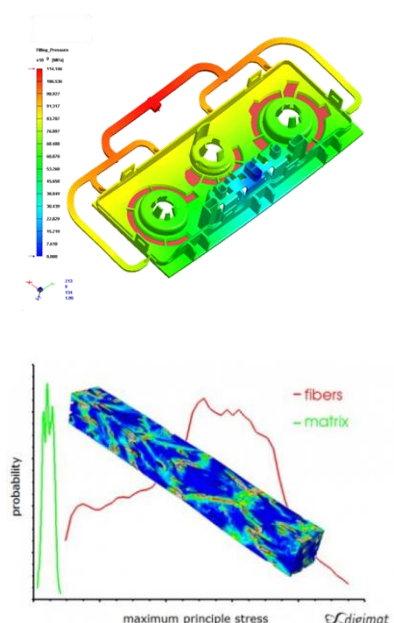
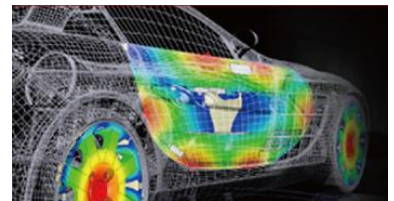
The Ohio State University, Scott Laboratory Room E100 (First Floor), Building 148

Plastics Role in Reducing Cost and Weight while Enhancing Vehicle Efficiency

Plastics and composite applications have been widely used to replace metals in automotive parts for the reduction of vehicle weight, fuel consumption, and vehicle emissions. Plastics can also improve durability, performance, and passenger safety in automotive engineering.

On Friday, August 3, 2012, Ohio Manufacturing Institute (OMI), Ohio State University, and Moldex3D North America will team up to organize a “Plastics Role in Reducing Cost and Weight while Enhancing Vehicle Efficiency” technical seminar. Professionals from automotive OEMs, tier 1 suppliers, and several innovative technology vendors will share the latest developments in lowering cost and reducing resource consumption through lightweight design and parts consolidation. They will explain how to do this and still maintain vehicle standards and passenger safety.

Join us at Ohio State University and boost your knowledge of lean manufacturing and design. Seats are LIMITED. Please [sign up](#) NOW!





Agenda

Time	Topic	Presenter
08:30 – 09:00	Registration	
09:00 – 09:30	Opening	Dr. Jose M. Castro Professor of Industrial and Systems Engineering Ohio State University
09:30 – 09:45	University-Industry Collaborations	Rich Spivey Executive Director Ohio Manufacturing Institute
09:45 – 10:15	Automotive Light Weight Parts Challenges	Patrick French Plastics Technical Category Leader Honda Engineering North America, Inc. (EGA)
10:15 – 10:45	Moldex3D simulation technology for automotive light weight applications	Dr. Anthony Yang Chief Technology Officer Moldex3D North America
10:45 – 11:15	In-mold coating application design for the composites industry	Elliott J. Straus Technical Manager OMNOVA Solutions
11:15 – 01:00	Lunch Break	
01:00 – 01:30	TS Tech case studies on part quality improvement	Natalia Hilbert Sr. Tooling Engineer TS Tech North America
01:30 – 02:00	The Material Characterization tools of TA Instruments and how they can be used in a wide range of polymer processing applications.	Steve Halls Technical Representative TA Instruments
02:00 – 02:30	Melt Front Detection Based Controls for Automotive Manufacturing	Susan E. Montgomery President PRIAMUS System Technologies
02:30 – 03:00	Efficient nonlinear multi-scale material modeling of reinforced plastic parts with DIGIMAT	Prabhakar Vallury Director of Business Development e-Xstream Engineering
03:00 – 03:30	Q&A and Raffle	

Presenter's Profile: <http://www.moldex3d.com/en/registration/information-about-persenters>

Event Contact

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Venue Information



Scott Laboratory SO

Building 148

201 W. 19th Ave.

Columbus, OH 43210



[View building on Google map](#)



Parking Garage: Tuttle Park Place

Building 088

2050 Tuttle Park Pl

Columbus, OH 43210



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For any questions about the traffic/direction, please reach:

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