

Michigan Simulation User Group 2008 Annual Conference



14th Annual Full Day Conference

Wednesday, October 29, 2008
7:30 am (Registration and Refreshments) to 4:30 pm

Management Education Center
811 West Square Lake Road
Troy, Michigan 48098

Annual Conference

The Michigan Simulation User Group (MSUG)'s Annual Conference includes presentations on a wide range of topics designed to be of interest to the Simulation Practitioner and their Management.

Based on your feedback we have specifically selected **3 speakers** from across different industries. In addition to great presentations, we have also restructured our agenda to give attendees the opportunity to see a variety of products showcased in **4 vendor sessions**. You will also have the opportunity to talk to these and other vendors during our Break Room sessions so that you can learn detail information about their full line of product or service offerings.

Here are the speakers and presentation topics:

- **Allison Stephens – “Ford Virtual Build Simulation”**
 - Allison Stephens :M.Sc, C.P.E. Ford Motor Company, Technical Leader in Assembly Ergonomics. Allison holds a Master of Science degree in Industrial Health from the University of Michigan. She has a Bachelors of Science degree in Human Kinetics and Biomechanics fro the University of Waterloo, Ontario, Canada. Allison holds the Certified Professional Ergonomist designation as well as Certified Safety Professional. Allison joined Ford Motor Company, in 1986 at the St Thomas assembly plant in Ontario and started the ergonomics program in Ford of Canada. Allison was relocated to Ford in Dearborn, Michigan in 1991 to implement the ergonomics program in North American operations. After implementing the participatory ergonomics program at 26 assembly and

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stamping plants, Allison moved the ergonomic program in to the Manufacturing Engineering department and started an upfront engineering approach to ergonomics. Allison currently runs the ergonomic laboratory which utilizes Motion Capture technology to perform ergonomic risk assessments on future vehicles and assembly processes. The virtual process utilizes immersive technology at a time in the product design cycle that allows for ergonomics to be an integral part of the engineering process. The results have been beneficial in both injury reduction to the assembly plant operators and to the build quality of the Ford vehicles. Allison is recognized as a world leader in the field of Ergonomics, with over 25 publications and numerous awards for research and advancements in the field.

- **Lillian Miller – “Facility Space Planning for an Emergency Department”**






- Lillian Miller is a Senior Program Analyst at Albert Kahn Associates, Inc. which is an architectural/engineering firm in Detroit, Michigan. She has worked on master facility planning for healthcare systems and single hospitals since joining Kahn in 1999. Prior to Kahn, she worked at different southeast Michigan hospitals' management engineering and operations analysis departments for 20 years. She has made presentations at SHS, HIMSS, and simulation software vendor's conferences. She is a member of IIE-SHS and SHSMD. She has a Bachelors of Science in Industrial Engineering from Wayne State University; and a Masters in Industrial and Systems Engineering from University of Michigan - Dearborn Campus.

- **Karthik Vasudevan – “Agent Based Crowd Simulation for Planning Emergency Response”**

- Karthik Vasudevan is an Applications Engineer at PMC in Dearborn, MI. His technical skills span simulation, software systems, and scheduling. Karthik has experience in AutoMod, Witness, Simul8, ProModel, Extend, Emulate3D, Visual Basic, C++ and Asprova. He received a Master's degree in Industrial Engineering from the University of Arizona and a Bachelor's degree in Electrical and Electronics Engineering from Sathyabama University, Chennai, India. He received the “Dean's award for Outstanding Graduate Student” and the “Award for Excellence” at the University of Arizona. Karthik's recent projects have spanned a number of industry sectors: steel, bottling, supply chain, aerospace, oil field equipment, automotive, homeland security, and semiconductors. His career and research interests lie in multi-paradigm simulation modeling and in creating better business strategies through the integration of IE techniques and software systems with computer simulation. He is a professional member of the Institute of Industrial Engineers (IIE) and the American Society of Quality (ASQ).

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Our vendor sessions, in alphabetical order, include:

Create A Soft	 Process Improvement Solutions
Delmia	
Emulate3D	
 Simul8	

Our conference is Wednesday, October 29. We invite you to register for the conference and ensure a place for this exciting event. Just fill in the Registration form and mail it to Karen Fitzpatrick (no emails are accepted for reasons of security) – the address is on the form.

Get the date in your calendar and we look forward to seeing you there.

MSUG Website

For more information on MSUG, go to www.m-sug.org

For map and driving directions for the Annual Conference go to www.mectroy.com/planmeeting/directions/default.htm

For hotel information go to www.mectroy.com/planmeeting/accomodations/default.htm

Directions:

From I-75 take the Crooks Road exit (#72). Turn right at the ramp and go ½ mile north on Crooks to Square Lake Road. Turn right on Square Lake Road (heading east). Management Education Center is the first driveway on the right.

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Attendee Registration and Membership Renewal Form

Yes, I will be attending the MSUG Annual Conference.

Name: _____

Company: _____

Street Address: _____

City: _____, **State/Province:** _____ **Zip Code:** _____

Country: _____

Contact Phone Number: _____

Contact Email Address: _____

My payment for MSUG annual dues and conference fees is enclosed as follows:

Regular membership fees: \$60.00

Student membership fees: \$35.00 *Please include a photocopy of your student ID with this registration form as proof of student status.*

1. Please charge my credit card for MSUG annual dues and conference fees as follows:

\$60.00 \$35.00 - Student

Visa **Mastercard** (*Visa and Mastercard are the only cards accepted*)

You can not use the website to pay with a credit card.

Card #: _____

Expiration Date: _____

Signature: _____

2. My check for MSUG annual dues and conference fees is enclosed for \$
Please make checks payable to **Michigan Simulation User Group**.

Please return this application form with your payment **before Wednesday, October 15, 2008** to:

Karen Fitzpatrick
1516 Colony Drive
Saline, MI 48176