



Patrick Hillberg
Industrial Solutions
DELMIA

Bio

Dr. Hillberg received a B.S. in Computer Science from Michigan Technological University in 1984, a M.S.E. in Industrial & Systems Engineering from the University of Michigan in 1989, and a Ph.D. in Systems Engineering from Oakland University in 2004. His dissertation explores Opportunistic Preventive Maintenance in Automated Manufacturing using Discrete Event Simulation and Data-Mining. In addition to his work at DELMIA, he is an adjunct faculty member at Oakland U., and is very involved in helping them develop their new Industrial Engineering curriculum.

The early part of his professional career was devoted to Robotics and Machine Vision, culminating in a position at FANUC Robotics developing their vision-guided robotics product. Since coming to DELMIA in 2004 he has worked with a number of clients, helping them to implement V5 and Process Engineer within their facilities. His work primarily involves data transportation, moving data between DELMIA products and other large-scale databases.



Stacey Balamucki
Applications Engineer/Software Development
CENIT North America, Inc.

Bio

Education: Lake Superior State University, Bachelor of Science in Computer Engineering with a concentration on Robotics and minor in Computer Science. Currently attending Oakland University working

towards Masters in Business Administration; expected graduation December 2008.

Work Experience: CENIT NORTH AMERICA: Software development; V5 scripting for CENIT and DELMIA products. AMT/GM Powertrain: Robotic and Ergonomic Simulation; implemented numerous V5 scripts for customization in a variety of areas. Experiences in numerous simulation packages include IGRIP, DELMIA V5, Robcad, UG, Jack, Process Simulate, SimPro and RobotStudio.

Abstract

Developing scripts and macros, whether in V5 or DELMIA Process Engineer, adds powerful functionality to Out-of-the-Box applications, but can also be challenging to master. This workshop will cover scripts and script actions in Process Engineer, and VBA Macros in V5. A short presentation will be followed by a question-answer period in which we hope to get input from the attendees. This is a good place to bring your scripting questions.