



Society of Manufacturing Engineers Chapter 275 Bulletin

**April 10 Meeting
(Joint with ASQ)**

Topics: GOT Takt?
Cultural Quality

Speakers: Wes Richardson, Bill Wortman

Times: Social at 6:00 pm, Meal at 6:30 pm, Presentations at 7:00 pm

Location: Holiday Inn, Terre Haute, US41 and I-70, Gallery Room

Cost: \$15.00 for members, \$6.00 for students

Advise: Roy Boissy (812- 237- 8329 or arrangements@asqwabashvalley.org) by Tuesday April 8, for attendance.

2003 Officers

Chair	Bill Wortman	812-533-4215
V. Chair	Hank Leonhardt	217-299-3498
Secretary	Dr. Gordon Minty	812-237-3380
Treasurer	Wes Richardson	812-533-4215

The Topic - GOT Takt? A Different Look at Lean

Wes Richardson will present an analysis of various approaches to Lean Manufacturing. Dr. Ohno of the Toyota Production System, believes that machine loading should be level throughout the process. Eliyahu Goldratt makes a case for a funnel arrangement, with excess capacity as the process enters the final operations. Mr. Richardson will attempt to reconcile these two approaches using data from Monte Carlo simulations.

The Other Topic - Cultural Quality

Bill Wortman will present some interesting examples of ancient cultural quality and ingenuity. Featured will be examples from North American Indian Tribes, Peru (Inca and Oca Cultures) and China (Several Dynasties).

Upcoming Program

May 8	Terrill Paradise Susan Rust	Columbus Hospital Cont. Improvement in Healthcare	Holiday Inn, Terre Haute
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Chapter 275 Secretary
Box 360
West Terre Haute, IN 47885

CMfgT Exam

The Student Chapter S089 is holding a CMfgT exam on Saturday, April 26, 2003 at 10:00 AM. The deadline for submitting applications for the the test along with test fees is Friday, April 4. We will be conducting the test in the online format this year, so it is critical that Chapter 275 members contact me through any of the channels below to ensure that we have a room with enough computers. Also, we are conducting study sessions each Wednesday in Myers Technology Center in room 101E at noon. Contact David W. Hoffa at (812) 237- 7300 or via email at dhoffa1@mymail.indstate.edu

Botball Volunteers Needed

Botball is a nation-wide program of the KISS Institute for Practical Robotics. It involves middle and high school students in the fields of robot building, computer programming, engineering, math and teamwork. The program also provides hands-on teacher training and continued support. Mentors from local universities or industries build a special relationship with teachers and students by providing additional technical support. The whole program culminates in fun robotics tournaments on the regional and national levels.

For the first time, ISU is collaborating with KISS and Rose-Hulman Institute of Technology as a sponsor of the Midwest Botball Regional Tournament. The regional tournament will take place on April 26 in the ISU School of Health and Human Performance, South Arena. Students from Indiana, Missouri, Minnesota, Michigan, and Illinois will participate.

ISU student members of the SME are playing an important role in the Botball program this year by serving as mentors to middle and high school students as they build and program their robots. Chapter volunteers are need to run the regional tournament, including judging, mentoring, administration and manning an Exploration Station where children in the audience may participate in hands-on exploration of Lego Robotics. Senior or student SME members interested in becoming more involved may contact Sandy Mutchler at 812-234-8251 or via email at midwestrobotics@aol.com.