MichiganEngineering

Manufacturing Research Seminar

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University of Michigan, Ann Arbor | College of Engineering | Refreshments Provided

Dr. Christian Boehm

Manager of the Technical Engineering Center

Festo Corporation

Hauppauge, New York

Monitoring and Diagnosing Pneumatic Systems - Benefits and Challenges

The use of diagnostics as a maintenance technology for motion systems can play a key role for the life cycle costs of a production facility. A new comprehensive diagnostic approach provides methods for pneumatic systems that continuously monitor and analyze sensor readings in the main supply line and within subsystems. Using different evaluation methods of pattern recognition, the source of deviations can be isolated to individual components. Unlike traditional component-based diagnostic solutions, this new approach is applicable to complete pneumatic systems and/or single pneumatic components for sensing and monitoring performance levels, information acquisition for optimized maintenance preventing unscheduled downtime and extending machine or process serviceability.

Thursday, April 12, 2007
4:00 - 5:00 PM
1017 H.H. Dow Building

For more information, please call Kathy at (734) 764-3312 or email at kbishar@umich.edu
http://interpro.engin.umich.edu/mfgeng_prog/mfg_w07.htm

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