



Hosted By Ford Truck Assembly Plant  
3001 Miller Rd.  
Dearborn, MI 48120

Sponsored By



***Tuesday, May 5, 2009***

**Developing Sustainable, Value-Added, Resilient Systems for Accelerated Productivity through IMS**

Improving product quality, equipment reliability, as well as uptime and productivity necessitates relentless efforts to learn how to use the right tools with systematic practices. With the current economic impacts, companies are finding ways to cut costs and improve productivity. Many companies are also exploring new growth from smart service business. This special Workshop is organized to address the changing needs in prognostics and predictive maintenance tools and technologies. IMS has developed sound technology foundation and tools to enable real-time data to information conversion with smart predict and prevent capabilities. It can further expand the value of IMS tools and technologies with broad impacts to quality, reliability, productivity, and service innovation. Selected speakers will first give presentations about their perspectives and address the opportunities for IMS company members and later with open discussions from all attendees.

- 12:30 PM ***Introduction*** – Jay Lee
- 12:40 PM ***IMS Systematic Approach for Prognostics Design*** – Mohamed Abuali
- 12:50 PM ***Review of Prognostic Tools (5 Tools: LR, SPR, SOM, BBN & Prediction Tools), With Case Studies*** – University of Cincinnati
- 1:50 PM ***New Frontiers for IMS*** – Jay Lee
- 2:00 PM **Break**
- 2:15 PM ***Review of Decision Support Tools*** – University of Michigan
- 3:45 PM **Break**
- 4:00 PM ***Wireless Remote Monitoring*** – Missouri S&T
- 5:30 PM ***IFS Sponsor Presentation*** – TBD
- 5:45 PM **Open Discussion**
- 6:00 PM **Adjourn**