

Agenda
Industrial Advisory Board Meeting of
Center for Intelligent Maintenance Systems

April 10th and 11th, 2001

University Outreach Center, 161 W. Wisconsin Avenue, Milwaukee, WI

Meeting held in Room 7970 on 7th floor

Day 1: Tuesday, April 10, 2001

7:30 AM Continental Breakfast (served outside of Meeting Room 7970)

8:00 AM Welcome, William Gregory (Dean) / John Wanat (Provost)

8:15 AM Introduction of Guests

8:30 AM Overview of Center for IMS and Program Areas

- Jay Lee, Director of the Center of Intelligent Maintenance Systems (UWM)
- Jun Ni, Co-director of the Center of Intelligent Maintenance Systems (UMA)

9:30 AM Alex Schwarzkopf, Program Director, NSF

9:45 AM IMS Web-enabled Technology Baseline Demonstration (UWM and UM Labs)
(www.IMSCenter.net)

10:00AM **Program Area 1:** Intelligent Business-to-Device (B2D) Technology

- Jay Lee, Director of the Center of Intelligent Maintenance Systems (UWM)

10:30 AM **Coffee Break** (served outside of 7970 meeting room)

10:45 AM **Program Area 2:** Web-enabled e-Maintenance and Optimization Tools

- Sk Ahad Ali, Graduate Student, Industrial and Mfg Engineering, UWM
- Amol Mali, Professor, Computer Science, UWM

11:15 AM **Program Area 3:** Wireless and Embedded Networking Technology and Application Tools for e-Maintenance

- Ivan Howitt, Professor of Electrical Engineering, UWM
- Jun Zhang, Professor of Electrical Engineering, UWM

12:00 PM **Lunch** (served in Dining Room 7820)

1:30 PM **Program Area 4:** Performance Assessment of Production Equipment, Manufacturing Systems and Products via Wireless and Web-enabling Tools

- Jun Ni, Co- director of the Center of Intelligent Maintenance Systems (UMA)
- Muammer Koc, Program Leader, Center for Intelligent Maintenance Systems
- Tien Jen, Professor of Mechanical Engineering, UWM

2:30 PM **Program Area 5:** Smart Industrial System and Asset Management including Energy and Power

- Dave Yu, Professor of Electrical Engineering, UWM
- Keith Corzine, Professor of Electrical Engineering, UWM

3:30 PM **Coffee Break** (served outside of 7970 meeting room)

- 3:45 PM**
- General Discussion
 - Evaluation and Feedback
 - Poster Session
 - Lab Tour (Interested parties, please see bottom of next page for details)

6:30 PM **Reception and Dinner** (University Outreach Center, Dining room 7820, 7th floor)
Speaker: Chuck Bartholomew, Program Manager, NIST-ATP

Day 2: Wednesday, April 11, 2001

7:30 AM	Continental Breakfast (served outside of 7970 meeting room)
8:30 AM	Feedback and Review from IAB members with faculty
10:00 AM	Coffee Break (served outside of 7970 meeting room)
10:15 AM	Closed Door IAB Meeting
12:00 PM	Lunch and Adjourn (served in Dining room 7820)
1:30 PM	Lab Tours (Interested parties, please see bottom of this page for details)

LAB TOUR DETAILS

Engineering and Mathematical Sciences Building (EMS)
3200 N. Cramer Street

- 1) E-Manufacturing Lab
Room W170
Muammer Koç
Description: Remote monitoring of Ballbar¹, Spindle Analyzer², Electric motor, gear and encoder³,
- 2) IMS Main Office
Room E175
Muammer Koç
Description: Remote inspection of parts with 3D Camera⁴
- 3) Wireless Communication and Signal Processing Lab
Room 775
Professor Ivan Howitt
- 4) Image and Signal Processing Lab
Room E 292
Professor Jun Zhang
- 5) Electric Machines and Drives Research Lab and Energy Lab
Room E 201
Professor Keith Corzine and David Yu

¹ Ballbar was manufactured and donated by API.

² Spindle Analyzer was manufactured and donated by API.

³ Electric Motor, gears and encoder were donated by Velicon Ltd.

⁴ 3D Camera manufactured and donated by Genex.