

**Agenda**  
**Industrial Advisory Board Meeting of**  
**Center for Intelligent Maintenance Systems**

April 10<sup>th</sup> and 11<sup>th</sup>, 2001

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

Meeting held in Room 7970 on 7<sup>th</sup> 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](http://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, 7<sup>th</sup> floor)  
Speaker: Chuck Bartholomew, Program Manager, NIST-ATP

## Day 2: Wednesday, April 11, 2001

<b>7:30 AM</b>	<b>Continental Breakfast</b> (served outside of 7970 meeting room)
<b>8:30 AM</b>	Feedback and Review from IAB members with faculty
<b>10:00 AM</b>	<b>Coffee Break</b> (served outside of 7970 meeting room)
<b>10:15 AM</b>	Closed Door IAB Meeting
<b>12:00 PM</b>	<b>Lunch and Adjourn</b> (served in Dining room 7820)
<b>1:30 PM</b>	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

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- 1) E-Manufacturing Lab  
Room W170  
Muammer Koç  
**Description:** Remote monitoring of Ballbar<sup>1</sup>, Spindle Analyzer<sup>2</sup>, Electric motor, gear and encoder<sup>3</sup>,
- 2) IMS Main Office  
Room E175  
Muammer Koç  
**Description:** Remote inspection of parts with 3D Camera<sup>4</sup>
- 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

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<sup>1</sup> Ballbar was manufactured and donated by API.

<sup>2</sup> Spindle Analyzer was manufactured and donated by API.

<sup>3</sup> Electric Motor, gears and encoder were donated by Velicon Ltd.

<sup>4</sup> 3D Camera manufactured and donated by Genex.