

Tuesday, November 4, 2003

7:45	Registration and Breakfast
8:20	Welcome Remarks – UWM Vice-Chancellor of Partnerships and Innovation, <i>Dr. Joan Prince</i>
8:25	Introduction of Attendees and Staff
8:35	Directors' message
9:05	Remarks from NSF I/UCRC Program Director
9:15	Watchdog Agent™ - <i>Dr. Dragan Djurdjanovic</i> Watchdog algorithm development (Introduction and Overview) Integration of the watchdog agent performance prediction and DST Neural Network-based performance prediction Prediction based on the compound method of Match Matrix and ARMA
10:00	Break
10:20	Watchdog Agent™ - <i>Dr. Dragan Djurdjanovic</i> Fuzzy logic-based method for Performance Assessment and Prediction Hidden Markov model-based condition monitoring method Support vector machine tool and its applications in fault diagnosis Watchdog toolbox - integration of multisensor performance assessment Summary of accomplishments and future work
11:00	Embedded Watchdog Agent for Industrial Automation Systems – <i>Yong Lei</i>
11:20	Decision Support Tools – <i>Max Yang</i> Maintenance decision support tool (DST) design
11:45	Device-to-Business : D2B™ - <i>Dr. Hai Qiu</i> D2B progress report Harley-Davidson web-enabled remote monitoring testbed IMS D2B and standards Intelligent troubleshooting tool using bayesian network
12:30	LUNCH – Invited speaker, <i>Dr. K.W. Lim</i> , Executive Director, SIMTech (Singapore)
1:30	Bearing Prognostics Test-bed sponsored by Rexnord Technical Services – <i>Dr. Hai Qiu</i>
1:45	Turbine blade Prognostics - Hitachi applied research – <i>Nobuhiro Isobe</i>
2:00	New member highlight – Mitsubishi Heavy Industries – <i>Jun Nakamoto</i>
2:20	Poster and Demonstration session
4:30	Adjourn
5:00	Reception (cash bar) and Dinner

Wednesday, November 5, 2003

8:00	Breakfast
8:30	Collaborative Research at the University of Toronto, Condition Based Maintenance Laboratory – <i>Ben Stevens</i>
8:45	Proposed Collaborative with University of Missouri – Rolla, Intelligent Systems Center – <i>Prof Ming Leu</i>
9:00	Response to Project Evaluation (LIFE) – <i>Research Staff</i>
10:00	Break
10:20	Closed Door Session Roll Call Approve IAB 5 meeting minutes Appoint executive advisory committee Recognize the establishment of the financial oversight committee of the IAB Membership and Financial Report
11:00	Report from Financial Oversight Committee
11:10	Other Business Mentoring opportunities and the IMS Resume book Inter-institutional agreement IMS bylaws IAB meeting feedback Schedule IAB 7 in Ann Arbor
12:00	Closed door session Adjourns (Boxed lunches available)
1:00	Watchdog Agent™ Workshop – Members Only
3:15	Break
3:30	Hands-on Watchdog Agent™ Training – Members Only
5:00	ADJOURN