

Wednesday, December 1

7:30	Registration and Breakfast
8:00	Host Welcome – Rockwell Automation, Directors' Remarks: Professors Jay Lee and Jun Ni, IMS Co-directors
8:10	Introduction of Attendees
8:25	Remarks by the NSF Program Director and NSF Updates
8:40	IAB Chairman's Address and New Members and Invited Guest Introduction
8:50	Technical Session #1 <ul style="list-style-type: none"> • Watchdog Agent™ Research Overview – Dr. Dragan Djurdjanovic • Rotating Machinery Watchdog Agent™ – Dr. Hai Qiu • Introduction to the Watchdog Toolbox v2.0 – Ms. Katie Johnson • Network Watchdog based on OSI/ISO Physical Layer Params. – Mr. Yong Lei
9:50	Break
10:05	Technical Session #2 <ul style="list-style-type: none"> • State-of-the-Art Review of Automotive Diagnostics – Ms. Jiang Li • Anomaly Detection using Integrated Joint Time-Frequency and Self Organizing Map (SOM) Method – Mr. Jianbo Liu • Comparative Studies of Different IMS Predictive Tools – Mr. Yang Lei • Embedded Prognostics Industrial Survey – Dr. Zaifeng Chen
11:10	Break
11:20	Technical Session #3 <ul style="list-style-type: none"> • Maintenance Decision Making using Impact Map – Mr. Max Yang • IMS Research Roadmap Updates – Drs. Djurdjanovic and Qiu • Q&A on Research Roadmap or Current Projects
12:00	Lunch
1:00	Testbeds and Member Company Introductions <ul style="list-style-type: none"> • DaimlerChrysler Testbed Project – Mr. Charles Cook, Ms. Emily Kloehn • ETAS Testbed Project – Dr. William Miller & Dr. Dragan Djurdjanovic • Toyota Introduction – Mr. Bruce Bremer & Mr. Guido • Omron Introduction – Dr. Hajime Izutani & Dr. Dragan Djurdjanovic
2:00	IMS Collaborative Projects and International Activities Update <ul style="list-style-type: none"> • Embedded Watchdog/Life Cycle Unit – NSF/DFG TIE Grant with Technical University of Berlin (Germany) • IMS Watchdog/EXAKT – NSF/MMO TIE Grant with University of Toronto Condition Based Maintenance Lab • Semiconductor Research Corporation (SRC) Project – Predictive Modeling and Intelligent Maintenance System Tools for High-yield Fab. • IMS 2004 (Arles, France) and IMS Forum (Shanghai, China) Summary and Updates and IMS 2005 (Tokyo, Japan) Preview • NSF Workshop in Berlin, Germany and South Africa Updates • New IMS Satellite Site at University of Missouri-Rolla

2:30	Poster and Demonstration Session
4:00	Strategic Areas Discussion: <ul style="list-style-type: none"> • Embedded Prognostic Systems Group (led by Dr. Dragan Djurdjanovic) • Rotating Machinery Systems Group (led by Dr. Hai Qiu) • Intelligent Facility Maintenance Systems Group (led by Mr. Mark Rucker)
5:20	Reception with cash bar, Dinner to follow (Speaker TBD)

Thursday, December 2			
7:30	Breakfast		
8:00	LIFE forms Feedback Session		
9:00	Intellectual Property and Licensing of IMS Technology – EAC/guest panel		
10:15	Potential Member Company Presentations – introduction and IMS interests <ul style="list-style-type: none"> • Co. TBD • Co. TBD • Co. TBD • Co. TBD 		
10:45	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"> Closed Door Session – <i>members only</i> <ul style="list-style-type: none"> • IAB Chair-directed open discussion • Approval of IAB 7 Minutes • Financial/Operational Report • Annual Member Survey • New Business • Choose IAB 9 date </td> <td style="width: 50%;"> This session is open only to IMS Members and selected guests as approved by IAB Chairman and Co-Directors IN ADVANCE OF MEETING. </td> </tr> </table>	Closed Door Session – <i>members only</i> <ul style="list-style-type: none"> • IAB Chair-directed open discussion • Approval of IAB 7 Minutes • Financial/Operational Report • Annual Member Survey • New Business • Choose IAB 9 date 	This session is open only to IMS Members and selected guests as approved by IAB Chairman and Co-Directors IN ADVANCE OF MEETING.
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12:00	Lunch and networking time (boxed lunches)		
12:30	Adjourn		
1:00 - 5:00	Individual Company Discussions with IMS Center Directors and Researchers and Tour Rockwell Automation Facilities		