

1995 International ADAMS® Conference

AGENDA

Monday, May 15, 1995		
TIME	Presentations: Auditorium 1	
7:30 - 8:30	Registration / Sign-Up & Continental Breakfast in Lobby area	
9:00 - 10:00	MDI Welcome Address • MDI Company Vision & Direction - Michael E. Korybalski, President & CEO Mechanical Dynamics, Inc.	
10:00 - 10:15	Break	
10:15 - 11:45	Sponsored by: <i>Hewlett Packard</i> Keynote Address • "The Very Real Future of Virtual Prototyping" - Dr. Joel Orr, President Orr Associates International	
12:00 - 1:30	Lunch in Salon V & VI Sponsored by: <i>Hewlett Packard</i>	
1:45 - 3:45	Executive Panel Discussion • "Reengineering the Product Development Process" - Michael E. Korybalski, Mechanical Dynamics, Inc. - Suzanne Batt, ANSYS - Robert Mills, CAE Magazine - Russell Stay, Structural Dynamics Research Corp. - David Stepner, Integrated Systems Inc.	
3:45 - 4:00	Break	
4:00 - 5:30	Sponsored by: <i>Silicon Graphics</i> Visual Engineering: Closing the Gap - Philip Raymond, Principal Lead Computational Analysis Group - Silicon Graphics Computer Systems - Frank J. Hunt, Director of Development Services Mechanical Dynamics, Inc.	
6:00 - 9:00	Sponsored by: <i>Silicon Graphics</i> MDI Open House: at MDI Headquarters, Ann Arbor • ADAMS Demonstrations • Newman-Haas Racing Car Exhibit & Door Prizes • Newman-Haas Racing Showcase Presentation • SGI/MDI 500 Slot Races	

Panel Discussion:

Audience participation is highly encouraged

Tuesday, May 16, 1995			
TIME	Registration / Sign-Up & Continental Breakfast in Lobby area	Informational Presentations & Tutorials:	Hands-On Workshops & Open Drop-In Forums:
7:30 - 8:30			
8:30 - 9:30		ADAMS Product Overview & Update • MDI Product Development presents new (8.1, 9.0) product features - Patrick R. Turner, Vice President Product Development Mechanical Dynamics, Inc.	Poster Presentations Drop-in all day in Lobby area * Meet with MDI Staff Conference Room A (10:00 - 11:30 am, 1:30-3:00 pm)
9:30 - 10:15		Optimization and ADAMS - Dr. Garret N. Vanderplaats VMA Engineering	Next Generation of ADAMS Conference Room B A. Anderson, T. Riedeman
10:15 - 10:30	Break		
10:30 - 11:15		ADAMS Integrators and Theoretical Concepts in MSS - Dr. Linda Petzold University of Minnesota	ADAMS/Rail Demonstration Conference Room B M. Hoffmann, J. Griffin
11:15 - 12:00		Applying Design of Experiments to Mechanical Designs with ADAMS - Dr. Patrick McNally Mechanical Dynamics, Inc.	Next Generation of ADAMS Conference Room B A. Anderson, T. Riedeman
12:00 - 1:30	Lunch in Salon V & VI		
1:30 - 2:30		Driver Modeling in ADAMS - Dr. Andreas Riedel IPG	ADAMS/View Customization Hands-On Workshop Conference Room B J. Graff, E. Fahlgren
2:30 - 3:30		Controls Methods - Interfacing MATRIXx with ADAMS - Dr. Sudhakar Medepalli Mechanical Dynamics, Inc.	Next Generation of ADAMS Conference Room B A. Anderson, T. Riedeman
3:30 - 3:45	Break		
4:00 - 7:00	Sponsored by: <i>Silicon Graphics</i> 1995 MDI/SGI Golf Tournament at Huron Golf Club Radisson on the Lake Resort <u>Prizes will be awarded for:</u> Lowest Net Score Closest to the Pin Longest Drive		

* Open Drop-In Forum / Meet with MDI Staff:

Opportunity to stop by for informal discussion and interactive problem-solving with key staff members from these MDI teams:

- ADAMS Hotline Staff, MDI Professional Services, MDI Product Developers

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Wednesday, May 17, 1995				
TIME	*Focus Sessions: <i>Auditorium 2</i>	*Focus Sessions: <i>Conf. Room E</i>	*Focus Sessions: <i>Conf. Room D</i>	Hands-On Workshops & Open Drop-In Forum: <i>Conf. Room A & B</i>
7:30 - 8:30	Registration / Sign-Up & Continental Breakfast in Lobby area			Poster Presentations Drop-in all day in Lobby area
8:30 - 9:15	Automotive Engineering Applications CHAIRPERSON: Phil Remington, Ford • Delft Tyre: A Tool for Tire Modeling Chris Verhuel, TNO • Practical Handling Simulations Keelune Mun, Hankook Tire	Aeronautics, Aerospace & Defense Applications CHAIRPERSON: Bob Kaczmarek, NSWC • Three Dimensional Flex Hose Peter Low, Martin Marietta Technologies • Dynamic Stability of a Parachuting System Ezra Scher, Rafael - Weapon System Div.	General Machine Design Applications CHAIRPERSON: John Janevic, MDI • Structural Compliance - FEA James McConville, MDI (Middough) • Hydraulic Driven Boom Aki Mikkola, Lappeenanta Univ of Tech • Anchor Home-in Simulation (Shipbuilding) Dr. Hyung-Joo Hong, Samsung SAIT	ADAMS/Animation Workshop J. Cooper, J. Himebaugh MECHANISM/Pro Workshop J. Cooper, J. Himebaugh
10:00 - 10:15	Break			
10:15 - 11:00	• Windshield Wiper Systems Phil Remington, Ford Motor Co. • Valvetrain Modeling in ADAMS Dale Stretch, Eaton Corporation	• Helicopter Rotor Dynamics Marco Lovera, Politecnico di Milano • Shimmy Analysis of a Landing Gear System Alvin Fong, Menasco Aerospace	• 3-D Surface Contact Samuel McDonald, MDI Consulting • Open discussion on Application-Specific Challenges, Techniques Approaches (fielded by a panel of MDI experts)	ADAMS/View Customization J. Graff, E. Fahlgren ADAMS/View Customization J. Graff, E. Fahlgren
11:00 - 11:45				
12:00 - 1:30	Lunch Golf Awards Presentation in Salon IV & VI			Conference Room A ** Meet with MDI Staff 9:00 - 10:30 am
1:30 - 2:15	Automotive Engineering Applications (continued) • Modal Flexibility (NVH) at Fiat Giuseppe Manzilli, MDI Italy • Automotive Showcase Presentation Daniel Robertson, MDI	Aeronautics, Aerospace & Defense Applications (continued) • Wind Turbines Andrew Elliott, MDI & Alan Wright, NREL • Showcase of Sample Applications Patrick McNally, MDI	Off-Highway Equipment Applications CHAIRPERSON: Kelly Bowland, MDI • Off-Highway Showcase Presentation Kelly Bowland, MDI • Steering Performance on Tracked-Vehicles Harry Gibson, Purdue University	Conference Room B ADAMS/Animation Workshop J. Cooper, J. Himebaugh MECHANISM/Pro Workshop J. Cooper, J. Himebaugh ** Meet with MDI Staff
2:15 - 3:00				
3:00 - 3:15	• Automotive-Specific Interface for ADAMS Michael Gurtilla, MDI • Open discussion on Application-Specific Challenges, Techniques Approaches (fielded by a panel of MDI experts)	• Open discussion on Application-Specific Challenges, Techniques Approaches (fielded by a panel of MDI experts)	• ADAMS Applications at John Deere David Smith, Deere & Company • Modeling Tracked Off-Highway Vehicles Kelly Bowland, MDI • Open discussion on Application-Specific Challenges, Techniques Approaches	Conference Room A ** Meet with MDI Staff 1:30 - 3:00 pm
3:00 - 3:45				
3:45 - 4:45	Closing Remarks Michael E. Korybalski, <i>Preside & CEO</i>			
4:45 - 5:00				

NOTES:

** Open Drop-In Forum / Meet with MDI Staff:

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- ADAMS Hotline, MDI Professional Services, MDI Product Developers