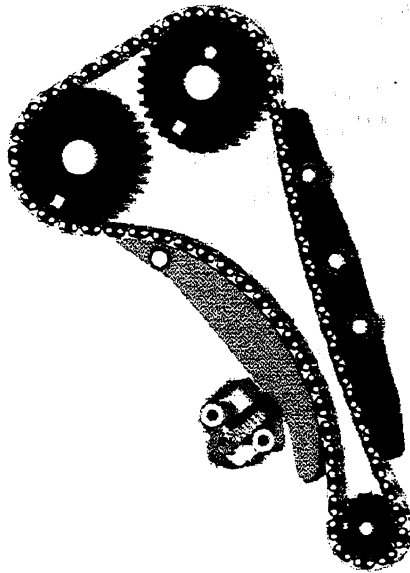


ADAMS

**10th European
ADAMS
Users' Conference**



**Arabella Congress Hotel
Frankfurt / Niederrad
November 14th-15th, 1995**



Mechanical
Dynamics

14 November 1995

A Message from the President:

On behalf of the entire worldwide staff of Mechanical Dynamics, let me welcome you to the 1995 European ADAMS Users' Conference -- the 10th such meeting in our history.

Since this annual gathering began as the Tedas NEWS Conference in February 1984, it has grown to become a can't-miss event for the European virtual prototyping community. Participating in this conference gives you the opportunity to:

- Learn about the latest ADAMS releases and future product directions;
- Get a hands-on feel for new ADAMS capabilities;
- Hear how other organizations like yours are using ADAMS to meet their engineering challenges;
- Share your virtual prototyping needs and concerns with our company's management;
- Network with fellow ADAMS users and Mechanical Dynamics staff; and
- Have some fun!

To get the most out of this conference, we encourage you to take an active role. Be sure to ask questions, state your views, seek out the experts, and try out something new.

Thank you attending the 10th European ADAMS Users' Conference, and have a great couple of days!

Best regards,



Michael E. Korybalski
President and Chief Executive Officer



**Mechanical
Dynamics GmbH**

*Engineering Software
und Service*

10th European ADAMS Users' Conference

List of Participants

ABB Forschungszentrum	H. Walser
AEG Hausgeräte GmbH	Th. Büttner
Arcelik A.S.	T. Sumer
Arcelik A.S.	B. Kiray
ArgeCare - Ing. Büro Kik	Dr. W. Kik
Audi AG	J. Hudi H. Jendryka H. Krome J. Straßburg
AVL List GmbH	C.L. Li
BMW AG	K. Plitt
BMW AG	Dr. W. Schmid
BMW AG	U. Böttcher
BRAUN AG	P. Nobis
CAE Partner	Dr. A. Freund
Chalmers University of Technology	M. Törmänen
Continental AG	K.-U. Köhne C. Schröder
Daimler Benz AG	Dr. Van T. Tran M. Schultheiß
De Dietrich	M. Geoffroy
Dornier Satellitensysteme	Dr. B. Specht
Dr. Ing. h.c. F. Porsche AG	G. Preschany
ESTECH Corporation	Dr. Shimizu
ETAS	Ch. Ramaen
Festo KG	W. Engler
Fichtel & SachsAG	Dr. R. Sonnenburg G. Zimmermann W. Bach
FH Köthen Anhalt	Prof. Dr. Ch. Oertel
FH Wiesbaden	Prof. W. Seubert
FORD Werke AG	R. Van Marrewyk F. Rogowski
Fraunhofer Institut IITB	B. Morys
GEC Alsthom ACR	Dr. R. Kirat
GIAT Industries	Th. Lavigne

TRW Fahrwerksysteme

M. Böcker
H. Maiwald

TU Delft

Prof. De Pater

TU München

M. Weißenberger

University of Bath

B. Twyman

University of Marburg

Th. Pressel

University of Novi Sad

Dr. Eng. M. Georgijewic

Volkswagen AG

K. Wolperding
A. Goldau

Volvo Articulated Haulers AB

H. Illerhag

Volvo Car Corporation

J. Hellberg

VTT Manufacturing Technology

M. Lehtonen

VW Geda

A. Fandré

WOCO

X. Wang

J. Kracke



**Mechanical
Dynamics GmbH**

*Engineering Software
und Service*

Mechanical Dynamics Inc.

M. Korybalski
P. Turner
M. Steigerwald
B. Ryan
C. Kochmanski
E. Waltersdorf
Y. Lin

Mechanical Dynamics S.A.R.L.

V. Fargeot

Mechanical Dynamics Ltd.

S. Gupta
S. Biggs

Mechanical Dynamics Sweden AB

M. Resmark
J. Slättengren

Mechanical Dynamics Italy

D. Minen
D. Catelani

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Dr. M. Hoffmann
J. Fett
R. Oschmann
K. Bangert
J. Thellmann
Th. Kelichhaus
E. Fischer
A. Habermann
B. Richter
B. Ruschlau
I. Porsche
A. Möller
G. Wurmman
J. Drath
H.-J. Büchler



10th European ADAMS Users' Conference Agenda

Tuesday, November 14th

09:00

- **"Welcome Address"**
Mechanical Dynamics
- **"ADAMS Product Overview & Update"**
P. Turner, Mechanical Dynamics Inc.

10:30 Coffee Break

11:00

- **"Education and Research - ADAMS CAE Tool at the Aachen University of Technology"**
Th. Küppers & P. Holdmann, IKA RWTH Aachen
- **"Heavy Truck Model Validation Concerning Handling"**
C. Schröder, Continental AG
- **"Coupling of ADAMS with Pneumatic Systems Simulation Software"**
W. Engler, Festo KG

12:30 Lunchbuffet

14:00

- **"Simulating Hydraulic-Driven Mechanical Systems"**
Dr.-Ing. M. Piechnick, Mannesmann Rexroth
- **"Geometrical and Functional Parameters of Human Lower Extremity Muscles Obtained by ADAMS Simulation"**
T. Pressel, U. Stammberger, M. Lengsfeld, University of Marburg
- **"Simulation with ADAMS in the Development of the Automotive Stability Management System"**
Dr.-Ing. U. Judaschke, F. Kemmler, Dr.-Ing. B. Lammen, ITT Automotive Europe GmbH

16:00 Coffee Break

16:30

- **"The Motion of a Single Rail-Wheel Set Along a Tangent Track for Single and Double Point Contact"**
Prof. De Pater, TU Delft
- **"Simulating Dynamic Behaviour of Weaving Machines"**
U. Brandenberger, Sulzer Innotec AG
- **"Simulation of a Power-Steering Systems through a Coupled MSS/Hydraulic Approach Using ADAMS and AMESIM Results"**
G. Richards, IMAGINE & MDI France

19:00 Evening Reception

20:00 Dinner