



March 29th



2006 European AMESim User Conference

STRASBOURG

March 30th



March 31st



AEROSPACE

Room Kleber B
Nicolas Croué

08:30 Dassault Aviation
Braking System with AMESim - Arnaud Lapeyre

09:00 Embraer
Aircraft Bleed System: electro-pneumatic valve model - Guilherme Araujo Da Silva

09:30 CNES
Modeling for cross-checking analysis (control-loop of the Vulcain-2 Nozzle actuators) - Benoit Clement

10:00 Coffee Break

11:00 ABC
Force control loop modeling of the A400M's THSA - Christian RICHARD

11:30 Turbomeca
Dynamic modeling of fuel circuit - Philippe Benezech

12:00 Hispano-Suiza
Jet engine fuel flow metering unit simulation with AMESim - Sandrine Huet

POWERTRAIN

Room Orangerie C
Pierre-Louis Vernhes

IFP
1D/3D Coupling for Transient Engine Operation Simulation - J. Bohbot, M.Miche, F.Lafossas, P. Menegazzi

WTD Ltd.
Turbo-Expansion System for Intake Temperature Control in IC Engines - Chris Whelan, Director

Woodward
A method using the Amesim Controls Library to evaluate the degree of possible Cavitation in a Fuel System - Enda Walsh

IFP
Exhaust aftertreatment systems: modelling the DPF loading and regeneration - C.-N. Millet

Siemens VDO Automotive SAS
Integration of a physical engine model in a HiL environment - T.Bourdon, L.Saussol

CRF FIAT
Parameters identification technique and optimization of a common rail system AMESim model - P. Dimitri, P. Ferreri

MECHATRONIC

Room Kleber A
Dr. Rainer Resch

Doosan Infracore Co.Ltd.
Modelling and Simulation of Steering system in Wheel Loader - Yong-Lak Cho, Dal-Sik Jang

PSA
Power Closure System Modeling with AMESim - Sebastien Buy

Knorr-Bremse AG
Simulating pneumatic brake systems with AMESIM - T. Anton & TU München, S.Schneider

Bosch Rexroth AG
Simulation of Mobile Hydraulics using Customized Library Elements - S. Mutschler, Dr.

Bucharest University
Identification of electrohydraulic speed governors for hydraulic turbines - Prof. Dr. Vasiliu Nicolae

AUTOMOTIVE

Room Orangerie A
Dr. Marc Allrand

Thomas Magnete GmbH
The Use of AMESim as a Multi-Purpose Tool in the Design Process - Andreas Henke

Renault
VTM: Air Conditioning and Cabin Thermal Load Simulation - V.Kuser, J.P. Claeys

DAF
AMESim: engineering sketchboard - M. Velthoeven

IAV
Automatic Vehicle Controller Design for a anti-roll system - Hendrik Gerth, Dr. Rüdiger Freimann

ZF Lenksysteme
The Use of AMESim to Model Electronic Power Steering Systems (EPS) - Bernd Rommel

PSA
Vehicle Dynamics within AMESim - Benoit Parmentier

Training 1

Room Kleber A
Dr. C.W. Richards
B. Lacabanne

08:30 Numerical

Aspects

of AMESim

Training 2

Room Kleber B
Prof. Dr. M. Lebrun
F. Gallo

Modeling &

Simplification

Methods

Training 3

Room Kleber C
Dr. V. Braibant
F. Cherpin

Design

Exploration, DoE

& Optimization

10:00 Coffee Break

10:30

12:00 End of the 4th European AMESim Users' Conference



22:30 REGISTRATION

PLENARY SESSION 2 - Room Orangerie C

13:30 Welcome
Christian Armbruster, Imagine S.A.

14:00 GM Powertrain - Keynote Address
Craig Brown (Manager of Engineering Math Processes Application), Tim Glaue

14:30 Hofer Powertrain GmbH
Comparison of AMESim with competitors: evaluation of an experienced user in Driveline, Hydraulic and NVH Simulation - Peter Werth, Gianluca Milan

15:00 Siemens VDO Automotive AG
Global Vehicle Simulation for CO2 emission & reduction - Dr. Hans Nuglisch

15:30 Coffee Break

16:30 Robert Bosch GmbH
Hydraulic Discrete Partitioning for Simulating Large Injection Systems - Markus Jungemann, Tobias Reiser, Pierre Tirgari

17:00 Partnership Review

17:30 Draeger Medical
Modelling of the ventilation unit integrated in a modern low flow anesthetic device with AMESim - Dr. U. Schmid

18:00 Free time

20:00 Gala Dinner (more info in January)

22:30 Lunch

PLENARY SESSION 2 - Room Orangerie C

14:00 AMESim Product Development Plan
David Gagne, Product Director, Imagine S.A.

14:30 AMESim v5
Denis Fargeton, Development Director, Imagine S.A.

15:00 Live Demo

15:30 Coffee Break

16:00 Partnership Review
Christian Armbruster, Marketing Director, Imagine S.A.

16:30 IMAGINE, Leading the Way in collaborative system simulation
Dr. Vincent Braibant, CEO, Imagine S.A.

17:00 End of the User Meeting



Leading the way in collaborative system simulation

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