

# MpCCI

## USER-FORUM AGENDA

### Final Program

Tuesday, March 30th, 2004

- 11:00 - 12:30 MpCCI News  
Welcome  
Code PlugIns in MpCCI 3.0 Release  
MpCCI based Mapping Tools  
MpCCI Roadmap
- 12:30 - 14:00 Lunch Break
- 14:00 - 16:00 FSI and Aeroelasticity  
Fluid-Structure-Interaction in Wind Engineering (TU Munich, Germany)  
Coupling at CENAERO (CENAERO, Belgium)  
Development of an Integrated Numerical Simulation System at CCSE(JAERI, Japan)  
Coupled Blast Simulations (FhG EMI, Germany)
- 16:00 - 16:30 Coffee Break
- 16:30 - 18:00 Thermal Coupling  
Thermal coupling in Busbar Systems (Schneider Electric US)  
Mapping Procedure for Underhood Temperature Analysis (DaimlerChrysler AG)  
Mapping of wall temperatures from Fluent to Nastran Meshes (Viessmann GmbH & Co KG, FhG SCAI)
- 18:30 - 19:00 Reception
- 19:00 - 22:00 Dinner

Wednesday, March 31st, 2004

- 9:00 - 11:00 Online Demos & Poster Session  
Introduction  
FSI with StarCD & Ansys (Online Demo by FhG SCAI)  
Thermo-Electrical Coupling with Fluent & Ansys (Online Demo by FhG SCAI)  
Plastic Strain mapping from Stamping to Crash (Online Demo by FhG SCAI)  
Temperature mapping from Fluent to Nastran (Online Demo by FhG SCAI)  
Numerical simulation of fluid-structure-interaction on elastic structures (Poster by RWTH Aachen)  
Visualization of Coupled Simulations (Poster by FhG IMK)
- 11:00 - 11:30 Coffee Break
- 11:30 - 12:30 Manufacturing  
Coupled Simulations of Non-destructive Testing Procedures (FhG IZFP, Germany)  
Mapping of Stamping results onto initial Crash Input Decks (VDA/FAT AK27, FhG SCAI)
- 12:30 - 14:00 Lunch Break
- 13:30 - 14:30 Panel Discussion / Conclusion  
MpCCI - Roadmap  
MpCCI - License Conditions  
MpCCI – Open for Cooperations

