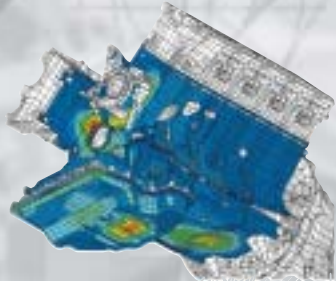


Engineering Center Steyr



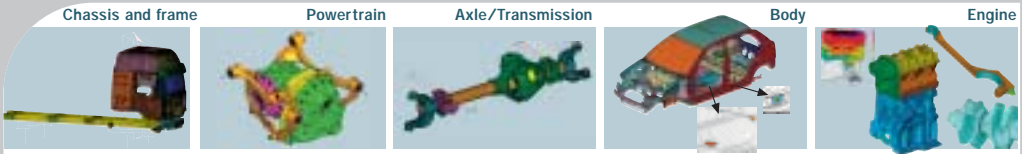
FEMFAT User Meeting North America 2008

November 6th
Troy, Michigan



AGENDA

FREE OF CHARGE!



FEMFAT

User Meeting North America 2008

November 6th

MSU Management Education Center in Troy, MI

Inspired by exploding fuel prices, discussions are taking place how to practically unify the requirements of environmental relief and retaining comfort level. One straightforward answer is lightweight design and utilizing new materials (e.g. fiber reinforced plastics) while fulfilling strength and durability targets.

FEMFAT is our contribution to this exciting activities, fitting into the virtual development process. As the level of optimization is increasing it is vital to keep time-killing development loops and costly physical prototyping under control.

We invite you to join the growing North American FEMFAT user community and to exchange experience in fatigue design and analysis.

AGENDA

Morning Lectures

- 8:00 am Continental Breakfast
- 9:00 am **Welcome and Overview Magna Powertrain**
Importance of fatigue life prediction within the product development process of company Engineering Center Steyr shown for a volume product *(Franz Dorfer, Magna ECS)*
- 9:30 am **Fatigue Based Shape Optimization for Cylinder Head Design** *(Carl Osterwitsch, AVL)*
- 10:00 am **Investigations on Stiffness Behavior and Fatigue Life of Various Spot Weld Models** *(Helmut Dannbauer, Magna ECS)*
- 10:30 am Coffee Break
- 11:00 am **FEMFAT News** *(Robert Wahlmüller, Magna ECS)*
- 11:30 am **Exhaust Manifold Fatigue - A System Level Approach of Low and High Cycle Predictions** *(Christina Exner, FEV)*
- 12:00 am Lunch

Afternoon Lectures

- 1:30 pm **CAE Fatigue Factor Database and Block Design Driving** *(Art Chen, Ford)*
- 2:00 pm **Optimization in Consideration of Fatigue Results Shown by the Example of an Aircraft Landing Gear System** *(Fatma Kocer, Altair)*
- 2:30 pm Afternoon Break
- 3:00 pm **Regarding Influences of Production Processes on Material Parameters in Fatigue Life Prediction** *(Werner Aichberger, Magna ECS)*
- 3:30 pm **FEMFAT Workshop, Questions and Answers**
- 4:30 pm **Adjourn and Socializing**
- 5:30 pm End

FEMFAT User Meeting North America 2008, November 6th

During the meeting several members of ECS will be present to inform you about various applications of FEMFAT and to answer questions during the workshop.

We are looking forward to welcome you soon at the Management Education Center in Troy. The participation is free of charge. Please register online at www.femfat.com or by using the registration form.

REGISTRATION FOR PARTICIPATION

YES, I would like to participate at the FEMFAT User Meeting on November 6th, 2008.

Name, First Name

E-mail

Company, Department (University, Institute)

Job Title

Street, Postal Code, City

Telephone number, Fax number

Date

Signature

Organisation / Organization

for questions please contact
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MAGNA Powertrain-Engineering Center Steyr
1775 Research Drive, TROY, MI, 48083

Conference Location:

The Management Education Center
811 West Square Lake Road
Troy, MI 48098
Tel: (248) 879-2456
www.mectroy.com

Engineering Center Steyr

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Directions:

From I-75 take the Crooks Road exit. Crooks Road is exit number 72. At the end of the exit ramp turn right and go 1/2 mile north on Crooks Road to the intersection of Square Lake Road. Turn right on to Square Lake Road and head east. The MEC driveway is the first one on the right hand side.



Hotels:



Embassy Suites, Troy
 850 Tower Drive
 Troy, MI 48098
 248-879-7500
 (very close 1.6 miles)



Hilton Detroit/Troy
 5500 Crooks Road
 Troy, MI 48098
 248-879-2100
 (closest hotel to center,
 0.7 miles)