

## INVITATION

### TOPTECH Program on Fatigue Analysis Simulation & Testing

*Maruti Suzuki, SAE India (Northern section), Engineering Center Steyr & Finite To Infinite are pleased to invite you to participate in the Top Tech Program on **"Fatigue Analysis Simulation & Testing"** scheduled on 05th February 2015, at Japanese Hostel, Gurgaon.*

*The program aims at giving an overview of FEA based Fatigue Analysis Simulation & Testing for automotive industry applications. It would help R&D, Design, CAE, Test & Data Acquisition engineers to gain confidence in their Design, Simulation and Testing.*

#### REGISTRATION FEE

For SAE members : Rs 1000 only\*  
 For Others members : Rs 2500 only\*  
 \* The Cheque/DD to be made in favor of "SAE Northern India Section"

\* For SAE membership & Registration, Please contact:  
 Mr Anup Kacker, Executive Director SAENIS  
 Email: sae.nis@gmail.com  
 Ph. No: +91 (124) 4370163, +91-9873188382

#### Speakers

##### Mr. Axel Werkhausen

- Manager FEMFAT Sales & Support, ECS Austria
- 15 + Years Experience
- Published Several International Papers
- Weld Fatigue Analysis Expert



##### Mr. Wolfgang Huebsch

- Chief Engineer FEMFAT Support, ECS Austria
- 10 + Years Experience
- Published Several International Papers,
- Vibration and Thermo Mechanical Fatigue Expert



##### Mr. Markus Baumann

- Manager FEMFAT LAB Support, ECS Austria
- 10 + Years Experience
- Published Several International Papers
- Fatigue Testing Expert



08:30-09:00 am	Registration
09:00 - 11.10 am	Introduction and Importance of Fatigue Analysis, Various Influence Factors, Uniaxial Fatigue & Multiaxial Fatigue <b>SPEAKER : Axel Werkhausen</b>
11:10 -11.30 am	Tea Break
11.30 -13:00pm	Non Metal Fatigue Analysis, Vibrational Fatigue <b>SPEAKER : Wolfgang Huebsch</b>
13.00-14.00 pm	Lunch
14.00 -15.20 pm	Weld Fatigue : SEAM Weld & Spot Weld Fatigue Analysis <b>SPEAKER : Axel Werkhausen</b>
15.20 -15.40 pm	Tea Break
15.40 -17.00 pm	Fatigue Testing <b>Speaker : Markus Baumann</b>

#### About Speakers & The Event...

Mr. Axel Werkhausen, Mr. Wolfgang Huebsch & Mr. Markus Baumann are experts from Engineering Center Steyr, Magna Austria. Engineering Center Steyr is very well known for its expertise related to automotive industry - Design, Analysis and Testing. ECS has also developed several software. FEMFAT is a leading Software for Finite Element Analysis based Fatigue Simulation & FEMFAT LAB is a specially developed software for Fatigue Test and Data Processing. Top Tech is a high end technical event with emphasis on advance engineering concepts, practical case studies and its application to automotive industry.



**Venue:**  
 Banquet Hall, Japanese Hostel,  
 Sector 16, Gurgaon, Haryana