ANSYS CAE Conference

Summary

Cybernet Systems will hold a seminar for Japanese-invested manufacturers aiming for success in Chinese market.

China, transformed from ″world's factory″ into a one of the most largest market in the world, holds great business chances.

However, Japanese companies are forced to compete with not only Western companies but also Chinese companies growing rapidly.
Under the circumstance, innovation of manufacturing process by introducing simulation is the key to have superiority.

In the seminar, we would like to let you know the effect of simulation, success stories of Japanese companies and technical information.
Besides, it would be a good opportunity for participants to networking each other.

We hope it helps you to progress in China.

Outline

Sponsored by	CYBERNET SYSTEMS
Place	Pan Pacific Suzhou 259 Xin Shi Road, Suzhou, Jiangsu, China 215007
Dates	Mon. 19th November 10:00-17:00 (Sign in from 9:30-)
Capacity	40
Fee	Free (Lunch will be provided)
Objectives	Person working for Japanese manufacturing companies in China
Language	Japanese

Agenda

9:30-10:00	Sign in
10:00-10:05	Greeting
10:05-10:45	Introducing CYBERNET SYSTEMS
10:45-11:25	Benefit of introducing ANSYS simulation to your manufacturing process
11:25-12:05	Success stories of customers in Mechanical simulation
12:05-13:30	Lunch time + Network
13:30-14:10	Introduction of New functions of ANSYS Mechanical simulation in recent years
14:10-14:30	Innovation in manufacturing process - ANSYS Discovery Live
14:30-15:00	Tea Break
15:00-16:00	Success stories of customers in CFD simulation
16:00-16:20	Introduction of New functions of ANSYS CFD simulation in recent years
16:20-16:40	Q&A
16:40-	Closing

Summary of sessions

Introducing CYBERNET SYSTEMS CYBERNET SYSTEMS, which holds 30 more years of experiences and deep knowledge in the field of engineering including CAE, introduce their solution and support systems in China.
Benefit of introducing ANSYS simulation to your manufacturing process Many companies and research institute from wide range of the industries introduce ANSYS simulation software. Why do they choose ANSYS? What comes to next by adopting them to manufacturing process? What can be realized? If you want to have an edge in manufacturing market in China, this session may help you.
Success stories of customers in Mechanical simulation In this session, user cases of mechanical simulation using ANSYS will be introduced. -Sealing material simulation considering physical properties of rubber (Hyperelastic material) -Vibration analysis for high-speed rotating machine (Rotor dynamics) -Drop-impact simulation of gyrosensor (Explicit analysis)
Introduction of New functions of ANSYS Mechanical simulation in recent years Some functional release information and hot topics in the field of ANSYS mechanical simulation will be introduced in this session. -Crack propagation analysis using fracture-based remeshing (SMART) -Efficient analysis function considering fine wiring on PCB (Trace Import) -Fatigue life prediction based on vibration waveform with a more real state (Fatigue analysis)
Innovation in manufacturing process - ANSYS Discovery Live We will introduce ANSYS Discovery, a Design CAE tool which can innovate whole manufacturing process, with its amazing reaction speed and intuitive interface.
Success stories of customers in CFD simulation In this part, user cases of CFD simulation using ANSYS will be introduced. -Multiphase flow analysis aiming for better valve performance -Visualization of flow field by Fluid-Structure interaction analysis
Introduction of New functions of ANSYS CFD simulation in recent years Some functional release information and hot topics in the field of ANSYS CFD simulation will be introduced in this session. -Prediction of erosion on surface of pipe. -Shape-optimization for reducing pressure loss. -Parallel computing for decreasing simulation time.

Speakers

Wataru Okamoto
Group Manager Technical group, Western-Japan
CYBERNET SYSTEMS
Specialized in ANSYS numerical simulation, with 20 more years of experiences.
Has deep insights about non-linear mechanical analysis and explicit method.
Provides various solutions mainly for the customers in the fields like electricity, mechanical and heavy industries, as a technical manager of western-Japan branch.

Toshiyuki Tsuda
CFD Technical group
CYBERNET SYSTEMS
Has been engaged in the field of CFD related to ANSYS Fluent/CFX/Icepak for 10 more years and has rich experiences particularly in multiphase flow and FSI.
Provides engineering services for wide range of customers, especially for electronic device/home electric manufacturer.