



Altair Technology Conference

Registration starts at PM 12:00

Altair Technology Conference 2019

Altair Technology Conference has grown to become a premier event forum for learning and sharing experiences in engineering and design.

Altair invites you to be part of the conversation with industry leaders and technology experts to discuss how new solutions are transforming design and decision making at the Altair Technology Conference.

We are pleased to announce that the Altair Technology Conference will take place at the Conrad Seoul Hotel in Korea on September 20, 2019.



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TRINITY
Engineering



6F

Structure

- Samsung Electronics / Wu Jingxi
Simulation study to estimate stand stability of display products
- Samsung Electronics / Jaechoon Yoo
Robot Arm Optimization with ESLM
- Hyundai Motor Company / Yongha Han
Application of Altair C123 & MDO solution for vehicle performance concept development and optimization
- Hyundai Motor Company / Youngjin Seo
Durability Prediction of Rigid Axle Using MotionView Spring Builder
- Hyundai Wia / Gibok Lee
Hyundai Wia Case Structure Analysis Modeling Automation Program Development
- Korea Aerospace Industries / Jungwon Moon
Three-Dimensional Phase Optimization with Buckling Constraints
- LG Electronics / Sunghun Kwon
A Trend of MotionSolve Use in the LG Washing Machine Division
- LG Electronics / Myoungsoon Lee
Study on combined optimization with topography and size optimization on system air conditioner (MultiV5)
- LG Electronics / Eunho Gong
NVH Rattle Simulation and Application for Automotive Electronics
- Hyundai Steel / Dongyeol Lee
Development of EV Concept Car Topology Optimization Considering Multiple Performances
- Hanon Systems / Jungsu Lim
Comparison of Structural Analysis Results of Air Conditioning System Parts
- Hyosung Heavy Industries / Donghyun Lee
Gearbox Analysis with SimSolid
- OBP ENG / Donghoo Kim
Application and Comparison of Inspire and SimSolid in the Design Analysis of Ammunition
- KICT / Youngmin Kim
Application of collision simulation analysis in development of new transport means : Mainly on safety assessment and or determining the right-of-way (ROW)
- Korea Institute for Robot Industry Advancement / Moonwoo Park
A study on Impact Analysis of Spring-Loaded Car Window Breaker
- Korea Aerospace Industries / Jaeho Jang
Radio Applications in development of Light Rotorcraft Crashworthiness
- Hyundai Rotem / Jiho Jeong
According to EN15227, crashworthiness analysis of tramway car with two kinds of obstacles
- Hyundai Motor Company / Jiwon Han
Efficient Analysis of Bus Rollover Regulation Using Pre-Post Automation
- Hyosung Heavy Industries / Sungho Lee
Analysis of LATCH of SPRING Manipulator
- KAIST / Iljin Lee
Reliability Based Design Optimization
- Hwashin / Wansoo Youk
Meshless Analysis of CTBA Using SimSolid
- Sejong Industrial / Geumyeol Lee
Structure Analysis of Exhaust system using SimSolid

CFD

- Doosan Forklifts / Junggeun Lee
Fan flow analysis for noise analysis
- Samsung Heavy Industries / Jonggeun Yoo
Numerical study of the Design Verification of Supply Intake and Exhaust Duct for marine diesel engine by AcuSolve
- Hwashin / Jaedong Noh
Flow Analysis and Experimental Verification for Water Pump Development
- Kyungil University / Kyunghee Han
AcuSolve Bingham Viscosity Model for MR Damper Flow Analysis
- LG CNS / Heewon Park
Prototype development of digital twin platform using AcuSolve
- CKN Driveline / XU Zhou
CFD Lubrication and Efficiency in ePowertrain CAE
- Romax / Jaemin Lee
Thermal simulation of EV powertrain system

ElectroMagnetic

- KERI / Changseob Kwak
Analysis of Small Current Interruption Performance for Gas Circuit Breaker Using Flux 2D
- Hyosung Heavy Industries / Hyoungjun Moon
Optimum Design and Analysis Technique of SG's Auxiliary Winding for AVR Power Supply Using Flux 2D
- Hyosung Heavy Industries / Sungho Lee
The study of Material Particle Behavior in GIB for Insulation Breakdown Characteristics
- LSIS / Jaeseop Ryu
Temperature Rising Prediction of High Voltage Power Apparatus using Altair Flux
- Dong-A University / Homin Shin
Analysis of Magnetic Loss of Coaxial Magnetic Gear Considering Space Harmonics in High Speed Applications
- Defense Agency for Technology and Quality / Ilkyu Kim
Comparison between theoretical calculation and simulation of the near-field of a phased array antenna
- Movon / Chenglin Choi
Millimeter wave passive device design using Feko
- Korea Institute of Materials Science / Jaecheol Oh
Composite Electromagnetic wave Absorber Design
- Korea Aerospace Industries / Kwangsik Choi
CEM modeling Method of FEKO for the Measurement
- Korea Aerospace Research Institute / Joongpyo Kim
Gain Analysis of the Antenna placed on Satellite
- Korea University of Technology and Education / Chihyung Ahn
Design of High Efficiency Wireless Power Transmission Resonator

Pre/Post

- KATRI / Giok Park
Case Study of Accident Analysis Using HyperView
- Hyundai Heavy Industries / Bongmin Kim
HyperMesh customized in-house automation code development
- Hyundai Transys / Simin Sung
A development of pre/ post process automation system for Seat FE analysis
- Mania Mind
Next generation visualization using VR and the Unreal engine

5F

Inspire / Manufacturing

- KIA Motors / Haeryong Lee
Body side seal inner with integrated extrusion bearing optimization
- Nedec / Hangoo Kim
Optimization Design for High Pressure Die Casting Gate Shape and Injection Conditions
- Studio IL HOON ROH / Ilhoon Roh
Material Architectonics
- Daejoo kores / Changyeon Lee
Extrusion table product through optimization of bearing line and mold structure
- Hyundai Mobis / Seokjin Yoon
Optimization Suspension Components with Inspire
- Hyundai Motor Company / Daeho Lee
High Pressure Casting Mold Design Efficiency Improvement and Optimization Application
- Hyundai Transys / Ohtae Kwon
Improved seat comfort quality through pad foam analysis
- OBP ENG / Donghoo Kim
Use and Compare Inspire and SimSolid in the Design Analysis of Ammunition

DfAM

- UNIST 3D Printing Technology Research Center / Wooyeol Lee
Inspiring Case for Large Area 3D Printing with Inspire
- Fusion Tech / Inmyeong Kim
Mimic of artificial dental implant using Inspire Topology Optimization
- Korea National University of Transportation 3D Printing Center / Sungjun Park
Contribution of Inspire and SLM 3D Printing for performance innovation

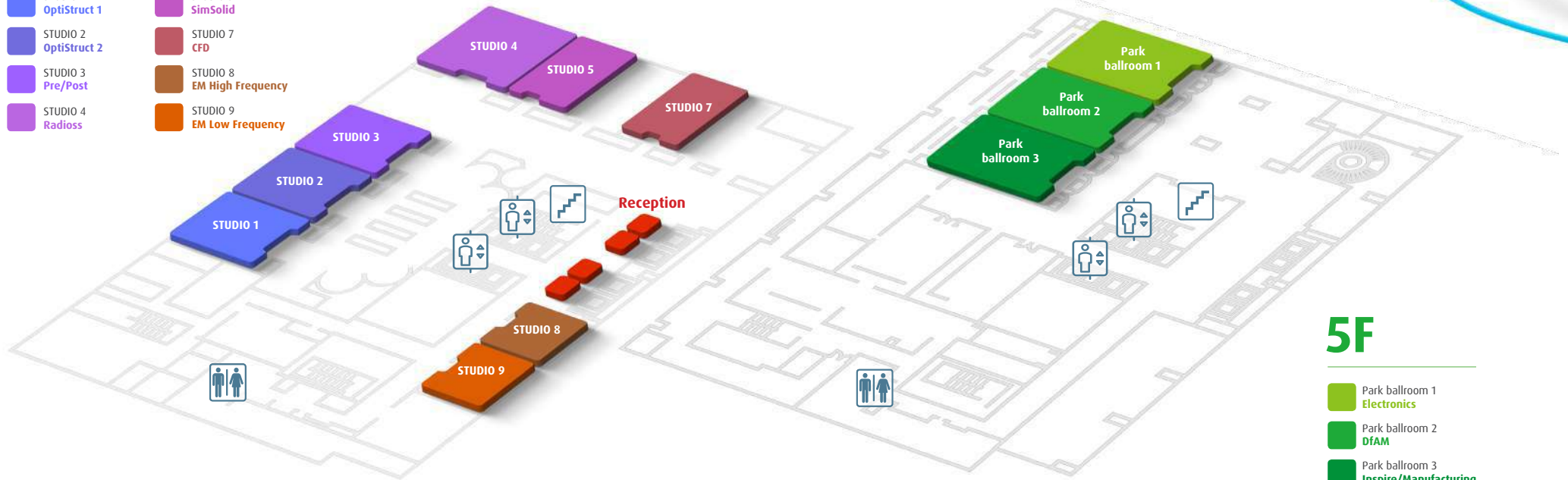
Electronics

- Disen / Junghee Han
ERP, PLM linked circuit development management system UDE
- LG Display / Junyoung Park
Case Study on Automation of Design Verification from a PCB Designer's Perspective
- LG Electronics / Jongyook Park
Effect of Industrial Environment changes on Circuit Assembly Technology
- KETA / Sunoh Hong
PCB technology and design verification of automotive electronic parts
- Hyundai Mobis / Hyuksoo Kwon
PCB Electrical Signal Characteristics DFE Considering EMC

VENUE & SOUVENIR

6F

- STUDIO 1
OptiStruct 1
- STUDIO 2
OptiStruct 2
- STUDIO 3
Pre/Post
- STUDIO 4
Radioss
- STUDIO 5
SimSolid
- STUDIO 7
CFD
- STUDIO 8
EM High Frequency
- STUDIO 9
EM Low Frequency



5F

- Park ballroom 1
Electronics
- Park ballroom 2
DfAM
- Park ballroom 3
Inspire/Manufacturing

Altair Technology Conference Gift for you

We will give you a Wireless power charging as a gift to all who participate in the Conference after pre-registration.
Please participate in the Altair Technology Conference 2019 and win the prize!

