



## Altair Solutions and Technology Updates 2021 Webinar Series

The latest HyperWorks® 2021 provides easy-to-learn, effective workflows that leverage domain knowledge and increase team productivity, enabling the efficient development of today's increasingly complex and connected products

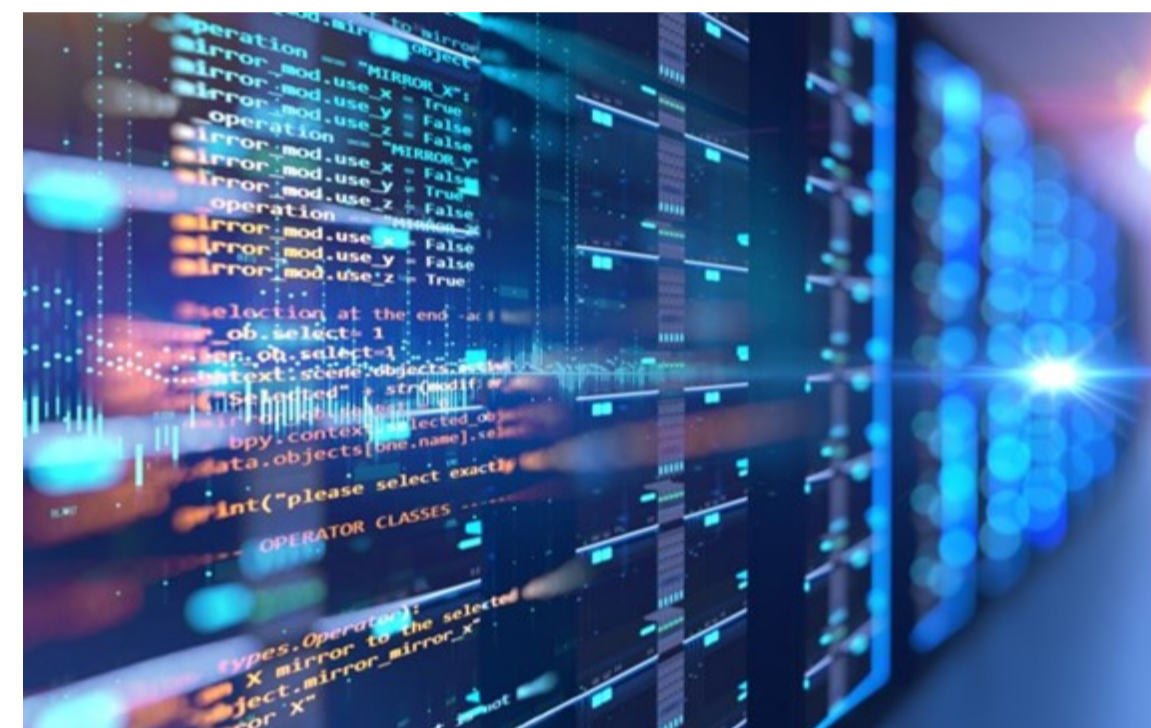
As the pace of innovation accelerates, Altair is driving the future of smart, connected everything through the convergence of simulation, HPC, and AI solutions. The latest Altair solution updates provides easy-to-learn, effective workflows that leverage domain knowledge and increase team productivity, enabling the efficient development to today's increasingly complex and connected products. Intuitive direct modelling for geometry creation and editing, mid surface extraction, surface and mid-meshing, and mesh quality correction, combined with efficient assembly management provides all the capabilities required for fast, accurate model creation and evaluation of design alternatives and product variants in less time.

Please join us for the series of solutions updates in month of May and June 2021 where you will hear our technical leaders describe the new features, enhancements, and technology.

### Webinar Series Topics and Schedule:

#### Webinar 1 : Altair 2021 Technology Updates

May 21 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)



Altair is a global technology company that provides software and cloud solutions in the area of data analytics, simulations and high-performance computing. In this webinar, we will introduce the Altair comprehensive solutions and the future trend in simulation. Altair's flexible licensing system also provide the seamless run with all application on-demand locally or in the cloud. Explore further with Altair one and help you can access the tools in anywhere and anytime.

The presentation will showcase:

- Overview of Altair refresh brand
- Why Select Altair's comprehensive solutions
- Altair One
- New Licensing Systems and Altair Units (AU)

#### Webinar 2 : Altair Hyperworks 2021

May 25 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)

The next generation Altair HyperWorks™ experience was created to enable users to navigate their daily simulation task: pre-processing, solving and post-processing without ever leaving their simulation model. This new HyperWorks provides a modern environment for high-fidelity computer-aided engineering (CAE) modelling and visualisation, making learning easy and productivity high, with no loss of existing functionality for long-term users.



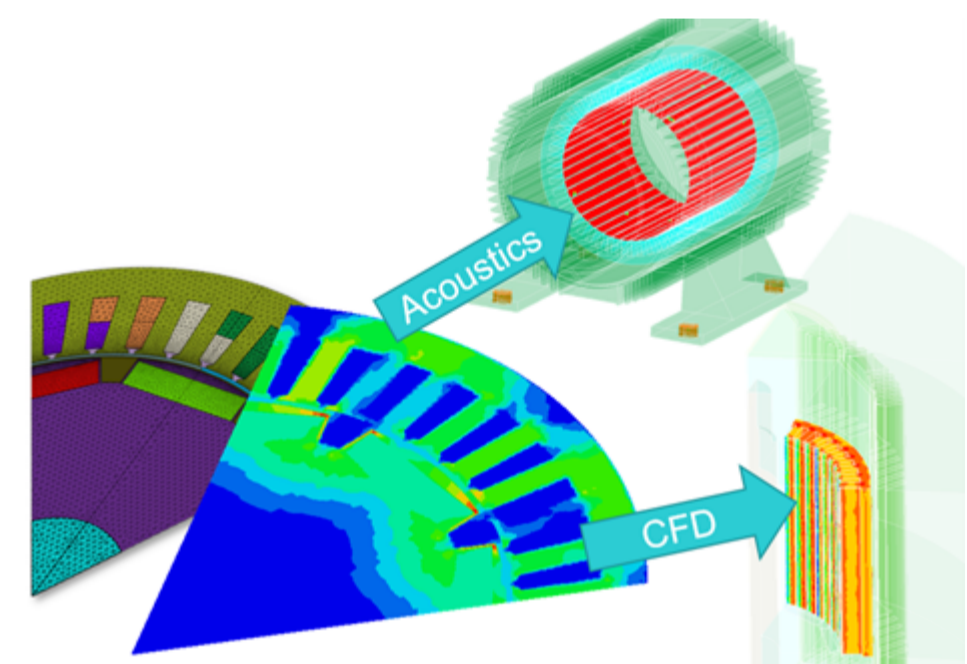
Learn about the reimagination of HyperMesh, HyperView, and HyperGraph and how your product development can benefit today.

The presentation will showcase:

- Brand new workflows for HyperMesh, HyperView, and HyperGraph
- Midmeshing and free direct morphing
- And, many other enhancements!

#### Webinar 3 : Altair Simlab: The Gateway for Multiphysics

June 1 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)



Altair SimLab™ is a process-oriented multidisciplinary simulation environment to accurately analyse the performance of complex assemblies. Multiple physics including structural, thermal, and fluid dynamics can be easily setup using highly automated modeling tasks, helping to drastically reduce the time spent creating finite element models and interpreting results. Altair's robust, accurate and scalable solvers can run either locally, on remote servers or in the cloud.

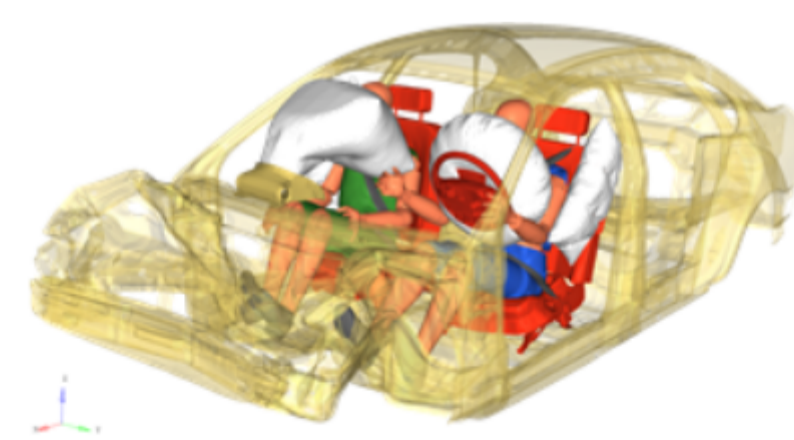
The presentation will showcase:

- Workflows of CFD analysis and Thermal Management
- Transient Magnetic (EM) simulation and Coupling with NVH (Structure)/Cooling (CFD) study.

#### Webinar 4 : Altair RADIOSS : Crash and Safety

June 8 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)

Altair Radioss is a leading structural analysis solver for non-linear problems under dynamic loadings. It is highly differentiated for scalability, quality, robustness, and consists of features for multi-physics simulation and advanced materials such as composites. Altair Radioss is used across many industries worldwide to improve the crashworthiness, safety, and manufacturability of structural designs.

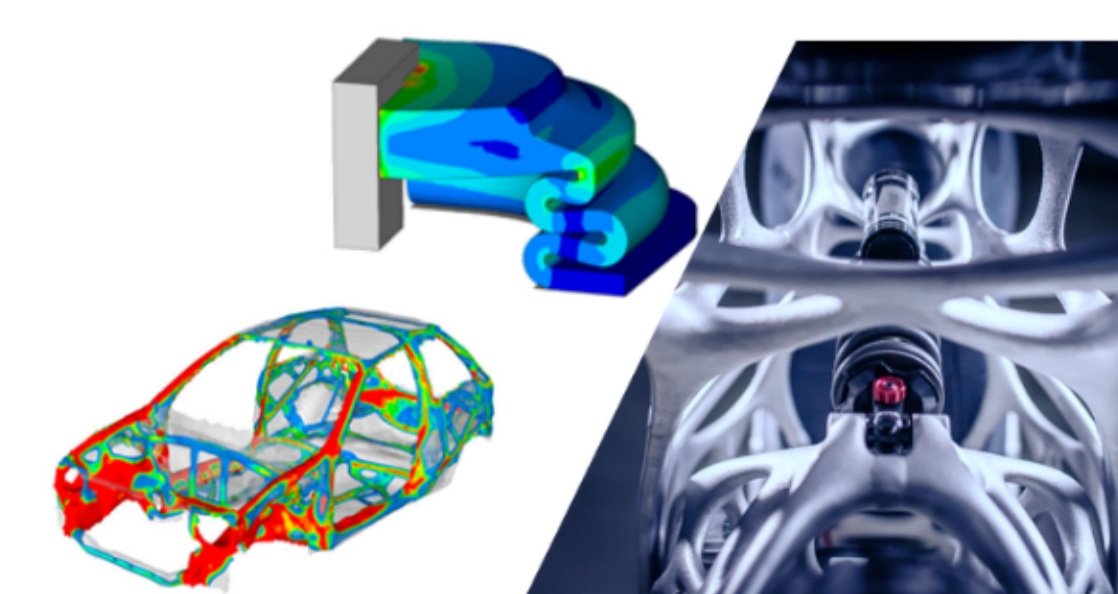


The presentation will showcase:

- Radioss starter can read directly LS-DYNA model
- High computing performance, Scalability, Quality and Robustness in RADIOSS
- Most Comprehensive Material and Rupture Libraries

#### Webinar 5 : Altair Optistruct 2021

June 15 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)



Altair OptiStruct™ has been built on over 25-years of innovation and is used globally at industry-leading companies to drive design with optimization and validate structural performance. Whilst being a well-known leader in topology optimisation, OptiStruct has been increasingly adopted as a nonlinear structural solution at leading companies as well.

Join this webinar to learn more of the exciting, new capabilities in OptiStruct.

The presentation will showcase:

- Enhancements in Nonlinear Analysis
- New MATMDS to interface with Multiscale Designer
- Thickness mapping from Forming solver
- And, many more!

#### Webinar 6 : Altair CFD 2021

June 22 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)

In this webinar, we will introduce you to the newly improved user experience of Altair HyperWorks CFD 2021. This new interface

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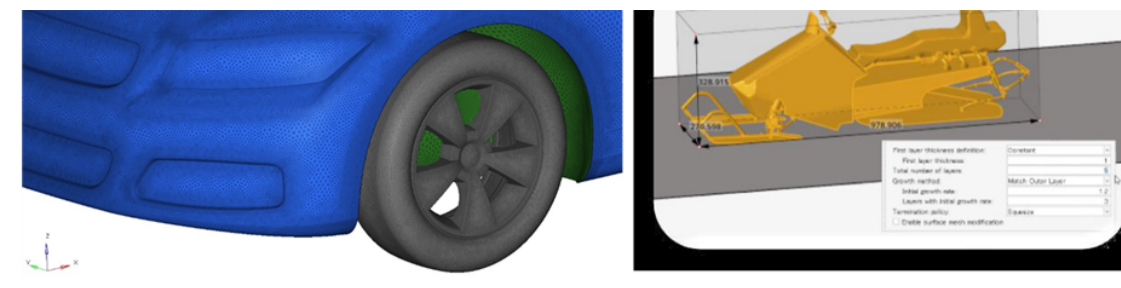
- May 21 | Webinar 1 : Altair 2021 Technology Updates
- May 25 | Webinar 2 : Altair Hyperworks 2021
- June 1 | Webinar 3 : Altair Simlab: The Gateway for Multiphysics
- June 8 | Webinar 4 : Altair RADIOSS : Crash and Safety
- June 15 | Webinar 5 : Altair Optistruct 2021
- June 22 | Webinar 6 : Altair CFD 2021
- June 29 | Webinar 7 : Altair Manufacturing Solution 2021
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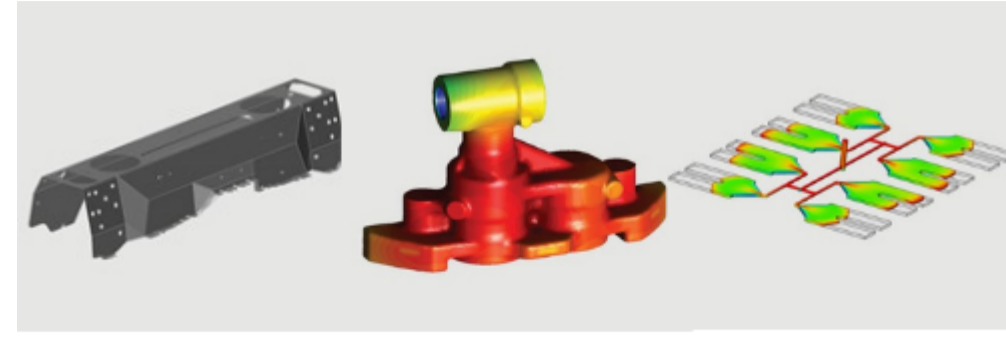
The presentation will showcase:

- Introduction and features of Altair CFD solutions
- New workflows for geometry problem fixing and meshing
- New workflows for CFD problem settings
- New workflows for CFD post-processing
- Attractive use cases by Altair CFD solutions



### Webinar 7 : Altair Manufacturing Solutions 2021

June 29 | 2p.m AEST | 11a.m SG/MY | 10a.m VN/TH (Duration : 1 hour)



Altair offers a unique set of simulation tools to evaluate product feasibility, optimize the manufacturing process, and run virtual try-outs for many traditional, subtractive, and additive manufacturing processes. Users can validate designs early in the manufacturing process with the simplicity and affordability of the simulation software, as well as use optimization technology with specific manufacturing constraints to design better, more efficient products.

- The production of high-quality parts more economical with Inspire Form
- Optimize the casting process with Inspire Cast.
- The introduction to Inspire Mold

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