



Composite Simulation: Altair to Show how to Unlock the Potential of Lightweight Design at JEC World

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Altair will present design and simulation tools for composite material as well as several best practice use cases, and host partners Compoengineering and HBM nCode at this year's JEC World in Paris

Troy, Mich., February 14, 2017 – Altair will present its comprehensive technology and expertise to design, analyze, and optimize composite material structural parts and assemblies for laminated, chopped fiber, and particulate composites as well as several customer successes at JEC World, the largest international show of the composite industry, on March 14-16 in Paris.

In addition to its presence on the exhibition floor Altair will also introduce: "Unlock the potential of Lightweight Design with Composite", a new conference program completely dedicated to composite simulation. The conference agenda includes presentations from renowned companies such as: PSA Group, CORIOLIS, HENKEL, CIKONI Composite, speaking about best practice examples on how the Altair solutions help to create innovative products and to improve development processes, when working with composite material. The conference will take place on March 15th at 2pm in the JEC conference rooms in Hall 6.

Altair's expertise and collaboration with technology partners allow clients to establish a simulation-driven design process that fully leverages the light weight potential offered by advanced materials and manufacturing methods. At this year's JEC World, Altair will present its broad range of simulation solutions, with a special focus on design and simulation tools for composite material, such as OptiStruct and Altair's Multiscale Designer software. Multiscale Designer allows accurate exploration of composite material models from macro-level performance down to micro-structural characteristics and effects. Further highlights at the Altair booth include the Robot Bike, a customizable mountain bike made of composites and 3D printed knots, and an optimized composite hydro-folding board from Team Rafale's Class-2 catamaran.

"We consider the JEC World in Paris a 'must be' to present our solutions for the design, optimization, and analysis of composites structures," said Robert Yancey, Vice President - Composites and Additive Manufacturing at Altair. "Light weighting is important for literally every industry and definitely more than just using lighter materials. Those materials have to be designed and optimized for maximum lightweight results and our solutions help our customers to do exactly that. Visit us at our booth and attend our conference program on March 15th to see best practice examples of how to 'Design the Difference' with composites."

In addition to its own solutions Altair is also pleased to host its Altair Partner Alliance (APA) partners Compoengineering and HBM nCode as co-exhibitors. Compoengineering specializes in structural analysis and composite structure design and is known for ESAComp, a software tool for the analysis and design of composites. HBM nCode, developer of the leading brand of durability, test and analysis software, offers its customers nCode DesignLife, the leading CAE solution for fatigue life prediction from finite element models, via the APA.

Further information about Altair, its solutions, and the APA may be found at Altair's JEC World booth N68 in hall 5A and at: www.altair.com. To check out the conference agenda and to register for your free pass to JEC World and the Altair conference please visit: www.jecworld-badges.com or <http://web2.altairhyperworks.com/jec-composite-2017-invitation-altair>.



About Altair

Founded in 1985, Altair is focused on the development and application of simulation technology to synthesize and optimize designs, processes and decisions for improved business performance. Privately held with more than 2,600 employees, Altair is headquartered in Troy, Michigan, USA with more than 45 offices throughout 20 countries, and serves more than 5,000 corporate clients across broad industry segments. To learn more, please visit www.altair.com.

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