

Virtual ATCx – Electromagnetics Day

Wednesday June 17, 2020
9:00 – 15:30 CEST

Agenda

- 09:00 **Welcome**
Dr Markus Schick, Director EM Solutions, EMEA, Altair
- 09:05 **Introduction to Altair & 2020 EM Portfolio Overview**
Pietro Cervellera, SVP EMEA, Altair

	E-Motors Session		High-Frequency Applications Session	
09:30	E-Motor Design Using Altair FluxMotor and Altair Flux for High Demanding Defense Applications Kobi Ingram, Bental Motion Systems		RF Simulation Applications in Automotive Antenna Integration Ahmadreza Jafar & Phillip Boutier, Renault	
10:05	Design and Optimization of a SPM Motor for Elevators using Altair Flux and HyperStudy Enzo Bellini, Sicor		Machine Learning in Computational Electromagnetics for Antenna and EMC Applications Peter Futter, Senior Application Specialist, EM Solutions, Altair	
10:45	Validation of an Iron Loss Model Combining Flux Simulation and Experimental Results Arnaud Cariou, IRT Saint-Exupery		EM Simulation Activities at FOI using Altair FEKO Magnus Gustavsson, Åsa Andersson, Tomas Boman, FOI	
11:15	Dynamic Power Transfer as a Feature Interoperability of Wireless Power Transfer Toyota Motorsport, Andreas Wendt		Radiated Emissions from PCBs - New Feko-PollEx Interface Swapnil Kulkarni, Senior Specialist, Electromagnetics, Altair	
11:45	Pre Dimensioning Brushless Motors with Altair Flux Janselme Eral, Crouzet		Working with Winprop: How a Radio Network Planning Tool can Help in Aviation Enabling High Precision Auto Land at Complex Airports Ralf Eichhorn, DFS Deutsche Flugsicherung GmbH	
13:30	Altair's Solution for Electric Machine Design and Control	Latest Features of Altair Flux and Altair FluxMotor	From Antenna Design to Wireless Connectivity	Latest Features of Altair Feko and Altair WinProp

- 15:15 **Future Roadmap and Vision for EM & EDA Solutions at Altair**
Dr Ulrich Jakobus, SVP EM Solutions, Altair

- 15:30 Close