



Press-Release

## CST Announces 2017 Webinar Series

**Darmstadt, Germany, September 5, 2017 – Computer Simulation Technology GmbH (CST), part of SIMULIA, a [Dassault Systèmes](#) brand, announces a series of webinars covering trending topics in the world of electrical engineering. These free webinars will show how electromagnetic simulation can be used to design, analyze and optimize cutting-edge devices.**

The webinars cover current topics from across different industries, and will benefit both existing CST customers and engineers who do not currently use simulation at all. Among the subjects covered are wireless charging for electric vehicles, antennas for miniaturized satellites, automotive ethernet high-speed channel design, photonic circuits and the design of gyrotrons.

Each webinar will use realistic examples representing emerging applications of electromagnetic simulation using CST STUDIO SUITE® and CST's partner products. As well as showing how simulation can be used to improve and optimize designs, the webinars will also demonstrate the use of simulation for analyzing the compliance of products to statutory regulations and OEM requirements for electromagnetic compatibility (EMC), aircraft certification for environmental electromagnetic effects (E3), thermal and mechanical performance, and signal integrity/power integrity (SI/PI) in EDA specifications.

The webinar series will run from 14th September 2017 to 7th December 2017. More information and registration can be found here: <https://www.cst.com/webinar-series-2017>. All webinars will be available on-demand after broadcast, but attendees to the live event will have the opportunity to ask questions directly to CST experts.

*“Engineers appreciate the CST Webinar Series as a way to keep abreast of the latest developments in EM simulation,”* said Dr. Martin Timm, Director of Global Marketing, CST. *“The topics covered this year include many cutting-edge applications across the whole spectrum up to optical frequencies, as well as multiphysics applications.”*

## Schedule

Registration for the series is now open at <https://www.cst.com/webinars>.

The full schedule is:

- Overview of CST Filter Design Technology, 14 September 2017
- Inductive Wireless Charging for Automotive Applications, 21 September 2017
- Gyrotron Simulation, 28 September 2017
- Efficient Design of Integrated Photonic Circuits, 5 October 2017
- CubeSat Antenna Design, 12 October 2017
- Design and Characterization of SerDes Channels, 19 October 2017
- Automotive Radar Simulation, 26 October 2017
- EMC Simulation for Automotive Ethernet, 2 November 2017
- True Signal/Power Integrity Co-Extraction and Simulation, 9 November 2017
- Antenna Design for a Connected Home Multimedia Device, 21 November 2017
- Electromagnetic Environmental Effects (E3) Simulation, 30 November 2017
- Precise Characterisation of Multipin Connectors, 7 December 2017

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### About CST- Computer Simulation Technology

Founded in 1992, CST is a market leader in delivering 3D electromagnetic (EM) field simulation tools through a global network of sales and support staff and representatives. CST develops CST STUDIO SUITE, a package of high-performance software for the simulation of EM fields in all frequency bands. Its growing success is based on a combination of leading edge technology, a user-friendly interface and knowledgeable support staff. CST solutions are used by market leaders in a diverse range of industries, including aerospace, automotive, defense, electronics, healthcare and telecommunications. CST is part of SIMULIA, a [Dassault Systèmes](#) brand. Further information about CST is available on the web at [www.cst.com](http://www.cst.com).

### About SIMULIA

The SIMULIA brand of Dassault Systèmes enables users to leverage physics-based simulation and high-performance computing to power sustainable innovation for products, nature, and life. Powered by Dassault Systèmes' 3DEXPERIENCE platform, SIMULIA realistic simulation and optimization applications accelerate the process of making mission-critical design and engineering decisions before committing to costly and time-consuming physical prototypes. [www.3ds.com/simulia](http://www.3ds.com/simulia).

### About Dassault Systèmes

Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 220,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

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