



Paris, Thursday, 02 October 2014

Key Words: EuMW2014/ INSIGHT / MVG / CST / Computational Electromagnetics / Antenna Measurement

MVG and CST Team up at EuMW 2014

Rome, Italy, October 7, 2014, Microwave Vision Group (MVG) and Computer Simulation Technology (CST) will present the innovative link between numerical simulation and antenna measurements at European Microwave Week 2014.

Lucia Scialacqua, MVG expert on advanced antenna measurement post-processing, will present at the Computer Simulation Technology (CST) booth #109, during European Microwave Week, where she will be discussing how to use the software tool Insight to overcome the problems faced when using Computational Electromagnetics (CEM) solvers in the evaluation and optimisation of antenna placement on large complex platforms.

MVG's Insight is the first software of its kind able to compute authentic electromagnetic current distributions and extreme near fields on the antenna under test from measured near- or far-field data. Starting from the measurement of the antenna, the equivalent currents can be used as a measured source in CST for simulations of more complex scenarios.

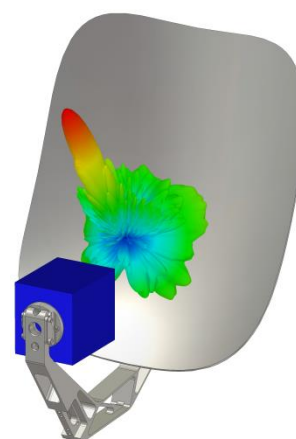
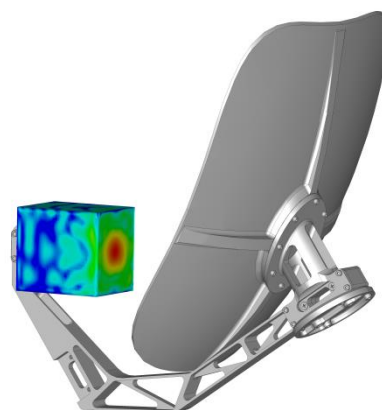
This 30 minute session will cover:

- Introduction to field source modelling
- Equivalent Current Source generation
- Usage of Measured EQC Sources in Numerical Tool
- Practical Demonstration

Date: Tuesday 7 October

Time: 14:30 – 15:00

CST Booth number: 109





About MICROWAVE VISION - MVG

Since its creation in 1987, The Microwave Vision Group (MVG) has developed a unique expertise in the visualization of electromagnetic waves. These waves are at the heart of our daily lives: Smartphones, computers, tablets, cars, trains, planes -- all these devices and vehicles would not work without them. Year after year, the Group develops and markets systems that allow for the visualization of these waves, while evaluating the characteristics of antennas, and helping speed up the development of products using microwave frequencies.

The Group's mission is to extend this unique technology to all sectors where it will bring strong added value. Since 2012, MVG is structured around 4 departments: AMS (Antenna Measurement Systems), EMC (Electro-Magnetic Compatibility), EIC (Environmental & Industrial Control), and NSH (National Security & Healthcare).

MVG is present in 9 countries, and generates 90% of sales from exports. The Group has over 300 employees and a loyal customer base of international companies. The Group generated revenues of € 51.5 million in 2013. MVG has received the BPI "Innovative Enterprise" certification, and is illegible for PEA-PME.

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www.microwavevision.com

About CST

Founded in 1992, CST offers the market's widest range of 3D electromagnetic 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 electromagnetic fields in all frequency bands, and also sells and supports complementary third-party products. Its success is based on a combination of leading edge technology, a user-friendly interface and knowledgeable support staff. CST's customers are market leaders in industries as diverse as telecommunications, defense, automotive, electronics and healthcare. Today, the company enjoys a leading position in the high-frequency 3D EM simulation market and employs 240 sales, development, and support personnel around the world.

CST STUDIO SUITE is the culmination of many years of research and development into the most accurate and efficient computational solutions for electromagnetic designs. From static to optical, and from the nanoscale to the electrically large, CST STUDIO SUITE includes tools for the design, simulation and optimization of a wide range of devices. Analysis is not limited to pure EM, but can also include thermal and mechanical effects and circuit simulation. CST STUDIO SUITE can offer considerable product to market advantages such as shorter development cycles, virtual prototyping before physical trials, and optimization instead of experimentation.

Further information about CST is available on the web at <https://www.cst.com>.



Contact

MVG: Caroline Allan, Marketing Manager | email : caroline.allan@microwavevision.com

CST: Martin Timm, Marketing Director | email: info@cst.com

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