

- PRESS RELEASE -

CST University Publication Award 2015: Winners Announced

Darmstadt, Germany, December 22, 2015– Computer Simulation Technology AG (CST) has announced the winners of the CST® University Publication Award 2015, an annual prize given to university institutes and researchers for published papers involving applications of electromagnetic simulation.

The CST University Publication Award recognizes the importance of work from university researchers and academics, and grants winners extensions and upgrades to their CST STUDIO SUITE® installations.

For papers to be considered in the award, they must meet three conditions: they must be authored or co-authored by university researchers, they must have been published either in scientific journals or conference proceedings, and the numerical results must be entirely or partly obtained through simulations using CST software.

Submissions are evaluated on a number of criteria, including originality of application and theory, clarity of presentation, and the skillful use of CST software. A special award is also given for short papers, of four pages or less, to acknowledge the importance of short conference papers in promoting practical applications of simulation.

“We would like to thank all participants for sending in their contributions,” said Dr. Martin Timm, Director of Global Marketing, CST. *“Selecting a winner is never easy, in particular when considering the vast range of interesting and novel areas of application as well as the outstanding quality of the contributions. This is testament to the importance of universities and their students in research, which is why we cooperate closely with academia, for example with the free CST STUDIO SUITE Student Edition.”*

The following papers have been selected to receive the CST® University Publication Award 2015:

- “60-GHz Thin Broadband High-Gain LTCC Metamaterial-Mushroom Antenna Array”, Wei Liu, Zhi Ning Chen, and Xianming Qing, IEEE Transactions on Antennas and Propagation; Volume: 62, Issue: 9, September 2014, pp 4592 – 4601 (Institute for Infocom Research, A*STAR, Singapore)
- “A Compact Planar Printed MIMO Antenna Design”, Saber Soltani and Ross D. Murch, , IEEE Transactions on Antennas and Propagation, Volume: 63, Issue: 3, March 2015, pp 1140-1149 (Hong Kong University of Science and Technology, Kowloon , Hong Kong)
- “Helical Plasmonic Nanostructures as Prototypical Chiral Near-Field Sources”; Martin Schäferling, Xinghui Yin, Nader Engheta and Harald Giessen; American Chemical Society Photonics; 2014; pp 530-537 (University of Stuttgart, Germany and The University of Pennsylvania, USA)

Short Paper Award 2015:

- “Electromagnetic Evaluation of HTS RF Coils for Nuclear Magnetic Resonance”; T. Yamada, A. Saito, S. Oikawa, K. Koshita, M. Takahashi, H. Maeda and S. Ohshima (Yamagata University, Japan)

More information on our university program and the upcoming University Publication Award 2016 can be found at the CST corporate website: <https://www.cst.com/academia>.

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 260 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>.

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