

PRESS RELEASE

CST University Publication Award 2007 - Winners Announced

December 21st, 2007 – Computer Simulation Technology (CST), Darmstadt, announces winners of CST University Publication Award 2007 .

The CST University Publication Award is an annual grant to university institutes and researchers for their work in the application of 3D EM field simulation. Now in this its fourth year, the quality of the publications was outstanding. Prerequisites for participation are that the papers are authored or co-authored by academic researchers, published either in scientific journals or conference proceedings, and the numerical results are entirely or in part obtained through simulation using CST software products. Submissions are evaluated on a number of criteria including originality of the application or the theory, clarity of presentation, as well as the skilful usage of CST software features.

“The quality of entries was extremely high this year. Contributions describe diverse fascinating applications, offering invaluable insight into leading areas of research and a deeper understanding of the demands being made of our software” said Dr. Martin Timm, Marketing Director, CST. *“We would like to take this opportunity to thank everyone who contributed and hope to welcome an even larger number of participants in 2008.”*

3 papers have been selected to receive the CST University Publication Award 2007:

- *Dirk I.L. de Villiers, Pieter W. van der Walt, and Petrie Meyer; "Design of a Ten Way Conical Transmission Line Power Combiner", IEEE Transactions on Microwave Theory and techniques; February 2007; pp. 302-308*
- *Martin Bencsik, Richard Bowtell, and Roger Bowley; "Electric fields induced in the human body by time-varying magnetic field gradients in MRI: numerical calculations and correlation analysis", PHYSICS IN MEDICINE AND BIOLOGY; 2007; pp 2337-2353*
- *Guo Qing Luo, Wei Hong, Member, IEEE, Hong Jun Tang, Ji Xin Chen, Xiao Xin Yin, Zhen Qi Kuai, and Ke Wu, "Filtenna Consisting of Horn Antenna and Substrate Integrated Waveguide Cavity FSS"; IEEE Transactions on Antennas and Propagation, 2005, pp. 3884-3896*

<http://www.cst.com/Content/Company/UniAward2007.aspx>

More information about CST's university program, the winner of the University Publication Award 2007 and the upcoming award 2008 can be found on the CST corporate website at:

<http://www.cst.com/Content/Company/UniProgram.aspx>

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About CST

CST develops and markets high performance software for the simulation of electromagnetic fields in all frequency bands. Its success is based on the implementation of unique, leading edge technology in a user-friendly interface. CST's customers operate in industries as diverse as Telecommunications, Defense, Automotive, Electronics, and Medical Equipment, and include market leaders such as IBM, Intel, Mitsubishi, Samsung, and Siemens. With 130 employees worldwide and a network of qualified distributors, over 170 people are dedicated to the development and support of its EM products in more than 30 countries. Further information about CST is available on the web at www.cst.com.

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