

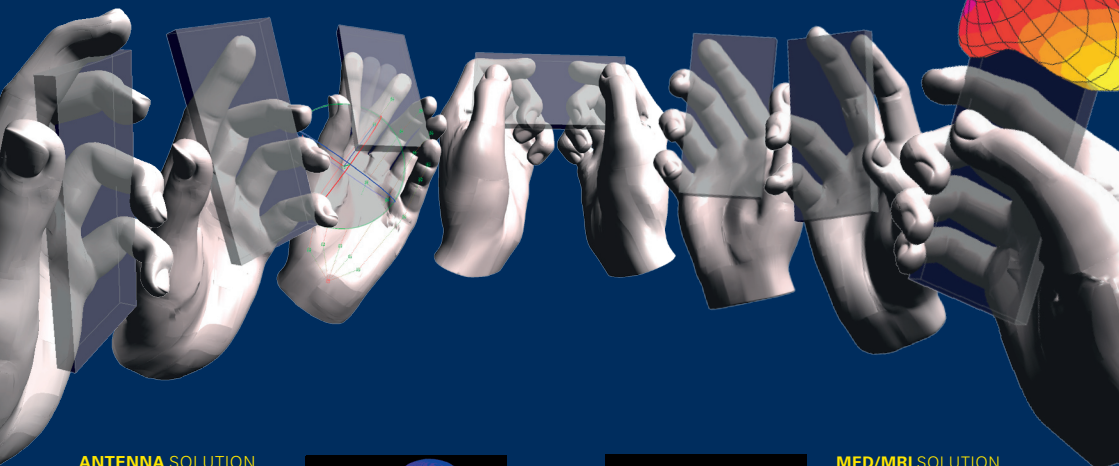
Get a Grip on the Problem

SEMCAD X Workshop

Thursday, April 14th, 14:00 - 16:30

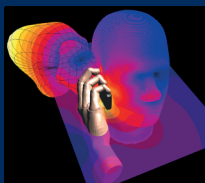
EuCAP 2011, Rome EurCongressi, Room G2

Visit us at
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April 11 - 15, 2011



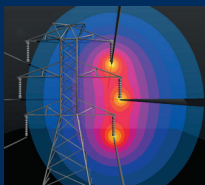
ANTENNA SOLUTION

For transceivers, remote sensing, human interaction, virtual prototyping of hand-sets; GA optimization of SAR, HAC, OTA; antenna toolbox w/ diversity, MIMO, etc.



ELF SOLUTION

For static, low & intermittent frequencies, motors, transformers, insulation design, human interaction; combined FE EM methods with FDTD thermal solvers



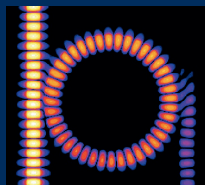
EMC SOLUTION

For signal integrity, interference, ESD, lightning; TD SPICE-EM co-simulation; CAD/component import (ODB++, IBIS, etc.), combined MCAD-ECAD, etc.



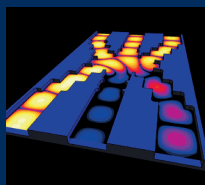
MED/MRI SOLUTION

For MRI scanner design, coil design, compliance, implants, EM-thermal analysis; POSER, anatomical CAD based models, MUSAIK, SNR performance, analyzing μm details



OPTICS SOLUTION

For non-linear photonic crystals, switches, modulators, nano particles, plasmonic resonators, Debye, Lorentz, Drude, Kerr-Effect, Raman-Scattering, etc.



μWAVE SOLUTION

For μWaves , RF circuits, interconnects, filters, packaging, striplines; TD SPICE-EM co-simulation, GA optimization, standard component device library, etc.

Schmid & Partner Engineering AG

Zurich, Switzerland

s p e a g

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