

Welcome to the CEM-TD Workshop 2005

On behalf of the Steering Committee for the CEM-TD 2005, it is our pleasure and honor to welcome you to Atlanta and the Georgia Electronic Design Center of Georgia Tech. This never-before trek signifies the new horizons Time-Domain Computational Electromagnetic techniques and tools are approaching in commercial and civilian applications. The penetration of RF and microwave systems, components, circuits and technologies in daily life is at an all-time high. Complex 3D mixed-signal modules and integrated sensor nodes demand the implementation of more and more efficient, accurate and faster simulation approaches that encompass not only electromagnetic, but also mechanical, solid-state and thermal equations. The broadband nature of numerous space, telecom, biological and automotive systems necessitate the development of numerical tools in time-domain. This phenomenal technical and commercial growth of time-domain simulation techniques reflects and manifests itself very well in the status of the 2005 CEM-TD Workshop.

To end, we would like to thank you for your submissions and invite you to enjoy the workshop.

Manos Tentzeris & Samir El-Ghazaly
Co-chairmen 2005

