Short Courses and Workshops

SC-1 (Full Day): The Art and Science of Ultra-Wideband Antenna Design (Hans Schantz, Q-Track)

SC-2 (Full Day): Spacebourne and Ground Antenna Design (William Imbriale, JPL))

SC-3 (Full Day): Applications of IE3D in Designing Planar and 3D Antennas (Jian-X Zheng, Zeland)

SC-4 (Full Day): A Maxwellian Approach to Smart Antennas (Tapan Sarkar, Syracuse Univ.)

SC-5 (Full Day): Reflector Antenna Design and Development (Hans Henrik Viskum, Ticra))

SC-6 (Full Day): Theory and Applications of PBG Structures used as Artificial Magnetic Conductors and Soft and Hard Surfaces (Per-Simon Kildal, Chalmers University; Stefano Maci, University of Siena; Daniel F. Sievenpiper, HRL Laboratories

SC-7 (Full Day): Advanced Computational Methods for Solving Large Electromagnetic Problems (J-F. Lee, Ohio State; John Volakis, University of Michigan

SC-8 (Full Day): Computational Electromagnetics in Packaging, interconnects, and Printed Circuit Board Design (Omar Ramahi, University of Maryland

SC-9 (Half Day): Advances in Electrically Small Antennas (Steven Best, AFRL)

SC-10 (Half Day): Genetic Algorithms in Engineering Electromagnetics: Concepts, Implementations and Applications (Y. Rahmat-Samii, UCLA)

SC-11 (Half Day): Planar Antennas for Wireless Communications (Kin-Lu Wong, Nat. Sun Yat-Sen Univ.)

SC-12 (Half Day): Antenna Characterization in Multipath Environments Using Reverberation Chamber (Per-Simon Kildal, Chalmers University)

SC-13 (Half Day): Phased Arrays and Multibeam Antennas for Wireless (Christos Christodoulou, Univ. of New Mexico)

WS-1 (Half Day Workshop): Practical Aspects of T/R Module Implementation for Phased Arrays (Jerry Aguirre, Kyocera)

WS-2 (Full Day Workshop): Dynamically linked Electromagnetic and Circuit Simulation Workshop (Lawrence Williams, Ansoft)