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**Peter Blomgren\*** ([blomgren@terminus.sdsu.edu](mailto:blomgren@terminus.sdsu.edu)), San Diego State University, Mathematics and Statistics, 5500 Campanile Dr, San Diego, CA 92182-7720. *Simulation and Measurement of Time-Reversal in an Indoor Environment using Wide-angle Antennas.*

We report on measurements and simulation results of time-reversal in the 2.4 GHz regime. The measurements were made in indoor environments using wide angle directional antenna arrays; and the corresponding numerical simulations computed using a full 3D-waveguide propagation code. (Received September 20, 2007)