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Katharine Ott* (kott@virginia.edu), Department of Mathematics, P.O. Box 400137,
University of Virginia, Charlottesville, VA 22904, and **Irina Mitrea**. *Transmission Boundary
Value Problems in Non-Smooth Domains*.

The goal of this poster is to present several issues regarding the theoretical and numerical treatment of transmission boundary value problems in domains with non-smooth boundaries. This theme is motivated by the fact that the most realistic partial differential equations involve some sort of irregularity on the boundary, such as a corners, edges, cracks or asperities. (Received September 24, 2006)