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Marius Mitrea* (mitream@missouri.edu), University of Missouri, 202 Math Sci Bldg,
Columbia, MO 65211. *The role of infinitesimal flatness in the solvability of elliptic boundary
problems in uniformly rectifiable domains.*

The goal of this talk is to illustrate the phenomenon that uniform rectifiability together with infinitesimal flatness (understood as the demand that the outward unit normal is close to having vanishing mean oscillations) typically implies solvability results for elliptic boundary value problems formulated in such a geometric setting. (Received August 01, 2017)