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**Marius S. Mitrea\*** ([marius@math.missouri.edu](mailto:marius@math.missouri.edu)), University of Missouri, Department of Mathematics, Columbia, MO 65211. *On Taylor's work on PDE's with minimal smoothness assumptions*. Preliminary report.

In this talk I will survey some of the contributions made by Michael E. Taylor in the area of partial differential equations in the context when either the coefficients or the domain in question exhibit a limited amount of smoothness. The emphasis is on integral methods. Several open problems posed by Taylor will also be discussed. (Received January 14, 2007)