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**Ram Murty\*** ([murty@mast.queensu.ca](mailto:murty@mast.queensu.ca)), Department of Mathematics, Jeffery Hall, 99 University Avenue, Kingston, Ontario K7L 3N6, Canada. *Variations of the Sato-Tate Conjecture*. Preliminary report.

We will discuss the Sato-Tate conjecture in both the number field and function field settings. After expounding recent developments, we will discuss several variations of the theme. (Received September 21, 2006)