1056-11-1383   **Thomas J Wright*** (`wright@math.jhu.edu`), Johns Hopkins University, Department of Mathematics, 3400 North Charles St., Baltimore, MD 21218. *Diophantine Questions and the Adeles.*

In this talk, we discuss new developments in adelic methods for Diophantine problems. In particular, we show how they can be used to approximate the number of solutions to Diophantine equations, as well as how they might be used to shed light on questions such as the Goldbach Conjecture or Twin Prime Conjecture. (Received September 21, 2009)