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Tsz Ho Chan* (thchan6174@gmail.com), Victory University, 255 N. Highland Street, Memphis, TN 38111, and **Kai-Man Tsang**. *Squarefull numbers in arithmetic progressions*.

In this talk, we will discuss about the distribution of squarefull numbers in arithmetic progressions. The tools range from Dirichlet's hyperbola method to Burgess' bound to a large sieve inequality of Heath-Brown. (Received November 21, 2012)