1147-53-501   **Antoine Y Song*** (`aysong@math.princeton.edu`). *Dichotomy for minimal hypersurfaces in manifolds thick at infinity.*

From the solution of Yau's conjecture, it is known that there are infinitely many closed minimal hypersurfaces in closed manifolds of dimension between 3 and 7. What about non-compact manifolds? For complete manifolds which contain no non-compact finite volume connected complete minimal hypersurface (or "thick at infinity"), I will explain the following dichotomy: either there are infinitely many "saddle point" closed minimal hypersurfaces, or there is none. (Received January 25, 2019)