1139-35-91   **Xinliang An*** (`xinliang.an@utoronto.ca`), 40 St George Street, Room 6290, Toronto, Ontario M5S 2E4, Canada. *On the Geometric and Analytic Properties of the "First Singularities" in Gravitational Collapse.*

In this talk, we will present several results on singularity formation in general relativity. Mathematical properties of "first singularities" will be discussed. (Received February 01, 2018)