1145-11-520   **Padmavathi Srinivasan*** (`psrinivasan41@math.gatech.edu`) and **Andrew Obus**. *Conductors and minimal discriminants of hyperelliptic curves in odd residue characteristic.* Preliminary report.

Conductors and minimal discriminants are two measures of degeneracy in a family of hyperelliptic curves. We will outline recent progress in extending Liu's inequality in genus 2 relating these two invariants to hyperelliptic curves of arbitrary genus when the residue characteristic is odd. This is joint work with Andrew Obus. (Received September 08, 2018)