



Number Theory Seminar

Hasse principle for function fields of p -adic curves

Professor Parimala Raman

Emory University

Abstract

There has been a spur of research activities in the direction of Hasse principle for homogeneous spaces under connected linear algebraic groups over function fields of p -adic curves. This is very analogous to the number field case. We shall explain a 'patching technique' due to Harbater-Hartmann-Krashen which is used in this context. We also trace the progress for Hasse principle for homogeneous spaces under connected linear algebraic groups over such fields.

| | |
|--------|-----------------------------------|
| Date: | July 10, 2023 (Monday) |
| Time: | 3:00 - 4:30pm |
| Venue: | Room 210, Run Run Shaw Bldg., HKU |

All are welcome