



SEMINAR

SCHOOL OF MATHEMATICS AND STATISTICS

DATE: 22 JULY 2019

TITLE

Local-global principle for norm one tori

VENUE | TIME

Seminar Room I
03:15 P.M.– 04:15
P.M.

SPEAKER

Prof. V. Suresh
Emory University,
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ABSTRACT

Let K be a number field or a function field of a curve a complete discrete valued field. Let L/K be a finite field extension and λ in K . We try to give necessary and sufficient conditions for λ to be a norm from the extension L/K . In other words, if T is the norm one torus associated to L/K , then we discuss the local global principle for principal homogeneous spaces under T .