

# Topology Seminar

**Paul Arne Østvær**

of University of Oslo will be speaking on

## Motivic slices and the graded Witt ring

on Monday, September 17 at 4:30 pm in  
MIT Room 2-131

We compute the motivic slices of hermitian  $K$ -theory and higher Witt-theory. The corresponding slice spectral sequences relate motivic cohomology to hermitian  $K$ -groups and Witt groups, respectively. Using this we compute the hermitian  $K$ -groups of number fields, and (re)prove Milnor's conjecture on quadratic forms for fields of characteristic different from 2. Joint work with Oliver Röndigs.

For information, write: [hood@mit.edu](mailto:hood@mit.edu)