

PROGRAM

*All talks will be given in Krieger 205.
Krieger Hall is located on the south side of the main (Keyser) quadrangle.
Registration will take place in Krieger 213.
Morning and afternoon refreshments will be in Krieger 211.*

SATURDAY, March 10

- 10:00–10:50 **Ed Brown** — Early history of BP
11:10–12:00 **Haynes Miller** — The Kervaire invariant and manifolds with corners
2:00–2:50 **Nitu Kitchloo** — Real Johnson–Wilson spectra
3:00–3:50 **Steve Wilson** — Nonimmersions of real projective spaces using the second
real Johnson–Wilson cohomology
4:20–5:10 **Doug Ravenel** — Towards higher chromatic analogs of elliptic cohomology and
topological modular forms
6:00–7:00 — Wine and Cheese Reception, Krieger 211

<p>NOTE: DAYLIGHT SAVING BEGINS SUNDAY MARCH 11 Advance your watches, clocks etc. by one hour. This is the first year of a new daylight saving regime in the U.S., so your computer will probably get it wrong.</p>

SUNDAY, March 11

- 9:00–9:50 **Nora Ganter** — Geometric aspects of Hopkins–Kuhn–Ravenel character theory
10:20–11:10 **Mark Behrens** — Topological automorphic forms
11:20–12:10 **Jesus Gonzalez** — On the BP -homology of finite abelian rank 2 groups
2:00–2:50 **Steve Mitchell** — Smooth and palindromic Schubert varieties in affine Grassmannians
3:00–3:50 **Nick Kuhn** — Adams filtration and infinite loop maps
4:20–5:10 **Paul Goerss** — Topological modular forms and p -adic modular forms

MONDAY, March 12

- 9:00–9:50 **Mike Hill** — The topological Hochschild homology of ℓ and ko
10:20–11:10 **Brooke Shipley** — A monoidal algebraic model for free rational
torus-equivariant spectra
11:20–12:10 **Sarah Whitehouse** — Stable and unstable operations in mod p cohomology theories
2:00–2:50 **Hirofumi Nakai** — Calculations for some Hopf algebroids related to tmf
3:00–3:50 **Mike Hopkins** — The mathematical work of Doug Ravenel
4:20–5:10 **Martin Bendersky** — The mathematical work of Steve Wilson
6:00 for 7:00 — Banquet, at Brasserie Tatin, located on 39th Street

TUESDAY, March 13

- 9:00–9:50 **Birgit Richter** — Two-vector-bundles and algebraic K -theory of topological K -theory
10:20–11:10 **Matt Ando** — Cohomology of equivariant classifying spaces
11:20–12:10 **Jeff Smith** — TBA