

MIDWEST TOPOLOGY SEMINAR OCTOBER 9–10, 2004

Saturday October 9

9:00 Refreshments in the vestibule outside MATH 175.

10:00 Dave Benson (University of Georgia)

Modular representations of finite groups, and modules over E_∞ ring spectra.

11:30 Yijen Lee (Purdue University)

Heegaard Splittings and Seiberg-Witten monopoles.

2:30 Haynes Miller (MIT)

Lie groups in a new key: the mathematical work of Clarence Wilkerson.

3:30 Birthday cake in the Library lounge.

4:00 Dennis Sullivan (CUNY and Stony Brook)

Applications of Transversality.

6:00 Banquet at Khana Khazana Indian Restaurant.

8:30 Party at Clarence's house.

Sunday October 10

9:30 Refreshments in the vestibule outside MATH 175.

10:30 Ismar Volic (University of Virginia)

Rational homotopy type of spaces of knots in codimension > 2 .

1:00 Brooke Shipley (University of Illinois at Chicago)

K -theory and derived equivalences.

2:15 Bill Dwyer (University of Notre Dame)

The Feshbach double-coset formula from the homotopical point of view.

Aspects of Group Actions

An informal Preconference

Thursday October 7 2004

Talks are in Math 817 (3), Math 731(1), and Math 175(1).

1:30PM Thursday Informal get-together, Math Lib Lounge, 3rd floor, Math Bldng

2:00PM Thursday Antonio Viruel: 2PM Math 817

”Cohomological uniqueness of rank two central Frattini extensions at $p = 3$ among 3-complete spaces”

3:15-3:45 Thursday Tea, Library Lounge

4:00 Thursday Reinhard Schultz 4PM Math 731

”Tangential thickness of fake lens spaces.”

5:30 Thursday Light meal and party at Jeff Smith’s following last talk

Friday October 8 2004

Lunch

11:00 Friday Antonio Diaz Math 817

”All p -local finite groups of rank two for odd prime p ”

2:00 Friday Jesper Grodal PM Math 817

”Classification of group actions on spheres”

4:00 Friday Tea: 4:00-4:30 Library Lounge

4:30 Friday Colloquium: Mara Neusel Math 175

” Inseparable extensions in the category of unstable algebras over the Steenrod algebra
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