

**MATHEMATICS DEPARTMENT SEMINAR SCHEDULE**  
**January 28 – February 1, 2002**

*All seminars are held in Boyd Graduate Studies unless otherwise noted.*

**MONDAY, January 28, 2002**

**Faculty and Graduate Social**

3:00 p.m., Room 409

Coffee, Tea and Cookies

**Group Representation & Cohomology**

*(joint meeting with \*Lie Theory Seminar)*

2:30-3:30p.m., Room 410

**Speaker:** Dan Nakano, University of Georgia

**Title of talk:** "*Lie algebra cohomology and nilpotent orbits, I*"

**Topology**

3:00 p.m., Room 322

**Speaker:** TBA

**Title of talk:** *TBA*

**Number Theory**

3:30 p.m., Room 304

*No Meeting this week*

**Numerical Analysis**

3:30 p.m., Room 410

**Speaker:** Okkyung Cho, University of Georgia

**Title of talk:** "*Biorthogonal Wavelets*" (*cont.*)

**Lie Theory**

3:30 p.m., Room 302

*\*Please see Group Representations & Cohomology Seminar*

**TUESDAY, January 29, 2002**

**VIGRE**

2:00 p.m-3:15 p.m., Room 304

**Speakers:** Mike Beck, Zubeyir Cinkir, and Michael Guy, University of Georgia

**Title of talk:** "*Prime Races Revisited*"

**Abstract:** We'll state the Hardy-Littlewood conjecture, and give a heuristic argument supporting it. We'll then discuss some computational data investigating the validity of this conjecture, as well as the algorithm used to obtain the data.

**Algebraic Geometry**

3:30 p.m., Room 326

**Speaker:** Valery Alexeev, University of Georgia

**Title of talk:** "*Stable varieties with reductive group action (cont.)*"

**Analysis**

3:30 p.m., Room 304

**Speaker:** Gerd Mockenhaupt, Georgia Tech

**Title of talk:** "*On restriction of Fourier transforms*"

**Student Number Theory**

3:30 p.m., Room 302

*No Meeting this week*

**WEDNESDAY, January 30, 2002**

**Group Representation and Cohomology**

Room 410, 2:30 - 3:20

**Speaker:** Graham Matthews, University of Georgia

**Title of talk:** "*Representation of symmetric groups*"

**Faculty and Graduate Social**

3:00 p.m., Room 409

Coffee, Tea, Cookies

**FRIDAY, FEBRUARY 1, 2002**

**Geometry**

2:30 p.m., Room 322

**Speaker:** TBA

**Title of talk:** "*TBA*"