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Mathematics and Statistics

**Seminars & Colloquia**

**October 16th – October 20th**

**Colloquium:**

No Colloquium This Week

**Monday – October 16th**

**Logic-Topology Seminar**

Location: MATH 238B

Time: 3:00-4:00pm

Speaker: Dr. Tom McLaughlin

Topic: “Dimitracopoulos-Paris Fragmentary Versions of Friedman’s Cut Theorem, Revisited. Part III”

**Preparation for the Profession Seminar**

Location: MATH 108

Time: 3:00-4:00pm

Speaker: Dr. Lars Christensen

Topic: “Application Materials”

**Analysis Seminar**

Location: MATH 012

Time: 4:00-5:00pm

Speaker: Dr. Brock Williams

Topic: “Discrete Harmonic Functions”

**Geometry Seminar**

Location: MATH 109

Time: 4:00-5:00pm

Speaker: Dr. Dmitri Pavlov

Topic: “A Very Gentle Introduction to Functiorial Field Theory”

**Statistics Seminar**

Location: MATH 115

Time: 4:00-5:00pm

Speaker: Dr. Alex Trindade

Topic: “Improved Inference for Signal Discovery Under Exceptionally Low False Positive Error Rates”

**Tuesday – October 17th**

**Biomathematics Seminar – Graduate Student Mini Poster Session**

Location: MATH 012

Time: 3:30-4:30pm

Speaker: Aadrita Nandi

Topic: “The Impact of Population Heterogeneity in Stochastic Models on the Emergence or Re-emergence of Infectious Diseases”

Speaker: Krystin Huff

Topic: “Modeling the Early Clinical Progression of Hantavirus Pulmonary Syndrome”

Speaker: Md Rafiul Islam

Topic: “Dynamics of the Emerging Fungal Pathogen *Batrachochytrium Salamandrivorans* on the Eastern Newt”

**Math Ed Seminar**

Location: Education Room 156

Time: 4:00-5:00pm

Speaker: Dr. Aaron Zimmerman

Topic: “Remembering Vladimir Voevodsky: Examining the Life of a Genius and Making the Argument that Mathematics Coursework is Obsolete”

**Wednesday – October 18th**

**Algebra and Number Theory Seminar**

Location: MATH 109

Time: 3:00-4:00pm

Speaker: Dr. Randy Dominick

Topic: “Elliptic Fermat Numbers”

**Image Analysis Seminar**

Please Attend the Statistics Seminar

**Applied Math Seminar**

Location: MATH 112

Time: 4:00-500pm

Speaker: Dr. Wei Guo

Topic: “A High Order Conservative Semi-Lagrangian Discontinuous Galerkin Method for the Vlasov-Poisson Simulations”