Texas Tech University
Mathematics and Statistics

Seminars & Colloquia

April 15th – April 19th

Colloquium this week

Seminars

Monday – April 15th

Real Algebraic Seminar
Location: MATH 011
Time: 3:00-3:50 pm
Speaker: Ramiro Ramirez
Topic: Homology of Nonorientable Surfaces of Genus $g$, Part 2

Analysis Seminar
Location: MATH 112
Time: 4:00-4:50 pm
Speaker: Dr. Luan Hoang
Topic: Asymptotic expansions for decaying solutions of ODEs, Part II
**Tuesday – April 16th**

**Logic-Topology Seminar**
- Location: MATH 238B
- Time: 2:00-2:50 pm
- Speaker: Dr. Tom McLaughlin
- Topic: Introduction to Schmerl’s work on small ultrapower embedding of finite lattices

**Biomathematics Seminar**
- Location: MATH 110
- Time: 3:30-4:30 pm
- Speaker: Dr. Akif Ibragimov
- Topic: Light driven dynamics of spatial Algae-Daphnia interaction as primitive evolutionary models with chemotaxis

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**Wednesday – April 17th**

**MBI online Colloquium**
- Location: MATH 238B
- Time: 11:00-noon
- Speaker: Dr. Denise Kirschner
- Topic: Building, Analyzing and Calibrating Multi-Scale Models in 2D and 3D: Tuberculosis as a Case Study

**Algebra and Number Theory Seminar**
- Location: MATH 110
- Time: 3:00-3:50 pm
- Speaker: Cezar Lupu
- Topic: Riemann zeta and multiple zeta functions and their special values. Part 2

**Applied Math Seminar**
- Location: MATH 110
- Time: 4:00-4:50 pm
- Speaker: Dr. Yuan Liu
- Topic: Krylov Implicit Integration Factor Discontinuous Galerkin Methods on Sparse Grids for High-dimensional Reaction-diffusion Equations

**Geometry Seminar**
- Location: MATH 112
- Time: 4:00-4:50 pm
- Speaker: Dr. Alastair Hamilton
- Topic: Algebraic model for homology of the moduli space of Riemann surfaces, Part 2
Thursday – April 11\textsuperscript{th}

**Math Club Seminar**
- Location: MATH 110
- Time: 4:30-5:30 pm
- Speaker: Dr. Cezar Lupu with Alexander Fleming-Morgan
- Topic: An Invitation to the Putnam Seminar

Friday – April 12\textsuperscript{th}

**Math Ed Seminar**
- Location: EDUCATION building room 156
- Time: noon-1:00 pm
- Speaker: Dr. Jerry Dwyer
- Topic: Sense-Making and Making Sense