TTU SIAM 2008 Fall Mini-Symposium

Wednesday, October 15, 2008   **Location: CH 49**

3:00 – 3:05 pm **Welcome and Opening Remarks**

3:05 – 3:30 pm **Dr. Byungtae Seo**   **Some research problems on semiparametric regression with incomplete covariate information**
Research: Mixture(or latent class) models, measurement error models, survival data analysis, nonparametric statistics, missing data analysis.

3:30 – 3:55 pm **Dr. David Gilliam**   **Regulator Equations and Harmonic Tracking**
Research: Applied Mathematics, Linear and Nonlinear Partial Differential Equations, Inverse Problems, Distributed Parameter Control.

3:55 – 4:20 pm **Dr. Alex Trindade**   **An Overview of My Current Research in Statistics.**
Research: Statistics.

4:20 – 4:45 pm **Dr. Alex Solynin**   **Green's functions: examples, properties, and applications.**
Research: Complex Analysis, Potential Theory, Qualitative Theory of PDE's

4:45 – 5:00 pm **End of Session. Refreshments served.**

Thursday, October 16, 2008   **Location: CH 25**

3:00 – 3:05 pm **Welcome and Opening Remarks**

3:05 – 3:30 pm **Dr. Sophia Jang**   **Mathematics and Population Biology**
Research: Mathematical Biology and Applied Mathematics

3:30 – 3:55 pm **Dr. Roger Barnard**   **Variational and symmetrization techniques and how they are used to solve problems**
Research: Complex Analysis and Special Function Theory.

3:55 – 4:20 pm **Dr. Lourdes Juan**   **Differential Galois Theory and Lie Theory**
Research: Algebra

4:20 – 4:45 pm **Dr. Victoria Howle**   **Topics in Numerical Analysis and Scientific Computing**
Research: Numerical Analysis.

4:45 – 5:00 pm **End of Session. Refreshments served.**