TexAMP 2015: Contributed Talks

Session 1 in CN 1.102

14:45-15:15
Vu Hoang, Rice University
One-dimensional model equations for the 3D Euler equations

15:20-15:50
Jake Fillman, University of Virginia
Purely Singular Continuous Spectrum for Sturmian CMV Matrices

15:55-16:25
Darren Ong, University of Oklahoma
Spreading Estimates for Quantum Walks on the Integer Lattice via Power-Law Bounds on Transfer Matrices

16:30-17:00
Sasa Kocic, University of Mississippi
Renormalization and rigidity of circle maps with breaks

17:05-17:35
Milivoje Lukic, University of Toronto
Almost periodicity in time of solutions of the KdV equation

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Session 2 in CN 1.120

14:45-15:15
Jonathan Harrison, Baylor University
Pseudo orbits on graphs and counting Lyndon words

15:20-15:50
Tracy Weyand, Baylor University
Spectral Zeta Function of the Dirac Operator on Quantum Graphs

15:55-16:25
Jasang Yoon, University of Texas Rio Grande Valley
An answer to a question of A. Lubin: The lifting problem for commuting subnormals

16:30-17:00
Sergey Kryzhevich, University of Texas at Dallas
Multishadowing in topological dynamics

17:05-17:35
Juntao Sun, University of Texas Rio Grande Valley
Ground state solution for a class of non-autonomous Schrodinger-Poisson systems in dimension three

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Session 3 in HH 2.502

14:45-15:15
Pavel Luschnikov, University of New Mexico
Complex branch cuts of Stokes wave

15:20-15:50
Sergey Dyachenko, University of Arizona
Instability of steep ocean waves and whitecapping.

15:55-16:25
Alexey Sukhinin, Southern Methodist University
Collapse event of co-propagating high-intensity optical beams.

16:30-17:00
Brian Simanek, Baylor University
Right Limits of the Bergman Shift Matrix

17:05-17:35
Yunyun Yang, Baylor University
Distribution theory and spectral asymptotics.