

Schedule of Events
All Talks in Pickard Hall Room 110
Saturday March 25

Time	Speaker	Title
9:00-9:20	Opening remarks	
9:20-9:40	Goong Chen	<i>A dimensional Scaling Method for the Excited States of the Helium Atom</i>
9:45-10:05	Ricardo Weder	<i>Inverse Scattering at a Fixed Energy</i>
10:10-10:30	Jiahong Wu	<i>The generalized incompressible Navier-Stokes equations</i>
10:35-10:55	William Rundell	<i>An inverse boundary value problem</i>
11:00-11:20	M.D. Voisei	<i>On the maximality of the sum of maximal monotone operators in general Banach spaces</i>
11:25-12:55	Lunch Break	
1:00-1:20	Andras Balogh	<i>Boundary Feedback Control of the Undamped Shear Beam Model</i>
1:25-1:45	Zhijun Qiao	<i>Peaked Solitons Equations</i>
1:50-2:10	John Neuberger	<i>Generators and resolvents for nonlinear semigroups</i>
2:15-2:35	Anahit Galstyan	<i>L_p-L_q Estimates and Global Existence</i>
2:40-3:00	Wei Zhu	<i>A regularity theory for multiple-valued Dirichlet minimizing maps</i>
3:05-3:25	Jianxin Zhou	<i>Newton Homotopy Continuation Method for Finding Multiple Solutions to The Henon Equation</i>
3:30-3:50	Yuri Yatsenko and Natali Hritonenko	<i>Optimal control of age-structured dynamic models with pointwise state constraints</i>
3:55-4:15	Bao-Feng Feng	<i>Integrable discretizations of a two-dimensional Hamiltonian system with quartic potential</i>
4:20-4:40	Karen Yagdjian	<i>Global Existence for Nonlinear Wave Equations with Variable Coefficients</i>
4:45-5:05	Yalchin Efendiev	<i>Homogenization of nonlinear parabolic operators in random media</i>
5:10-5:30	Dambaru Bhatta	<i>Use of B-ploynomials in solving Partial Differential Equations numerically</i>
5:35-5:55	Liping Liu	<i>The Harmonic Balance Analysis on Van Der Pol Oscillator</i>
6:00-6:20	Theresa Jorgensen	<i>Quenching for nonlinear wave equations in two and three space dimensions</i>

Schedule of Events
All Talks in Pickard Hall Room 110
Sunday March 26

Time	Speaker	Title
8:00-8:20	Lokenath Debnath	<i>Rossby Waves in an Ocean</i>
8:25-8:45	Zhaosheng Feng	<i>Schrodinger equation and its asymptotic behavior</i>
8:50-9:10	Mohammad	<i>Solution of Nonlinear DE using B-polynomials</i>
9:15-9:35	Jean-Luc Guermond	<i>On the construction of suitable weak solutions to the incompressible NSE</i>
9:40-10:00	Ingo Witt	<i>On a class of semilinear elliptic Fuchsian PDEs</i>
10:05-10:25	Fred Kashefi	<i>Partial differential equation of a convex body</i>
10:30-10:50	Steven D. London	<i>Asymptotic Models for the Earth's Magnetic Field</i>
10:55-11:15	Marco A. Roque-Sol	<i>Fourier Spectrum of Chaotic Interval Maps</i>
11:20-11:40	Dung Le	<i>Coexistence in Cross Diffusion Systems</i>
11:45-12:05	Youn-Sha Chan	<i>On the Analysis of a Finite Crack Paralleling a Bimaterial Interface</i>
12:10-12:30	Stephen Shipman	<i>Optimization of transmission through photonic crystals</i>
12:35-12:55	Mostafa Ghandehari	<i>The Jacobian Matrix of Multi-lane freeway</i>
1:00-1:20	Ismail Kombe	<i>From Hardy inequality to Uncertainty principle and Rellich inequalities on Carnot groups</i>