Program schedule of the International Workshop "Analysis Differential Equations and Control Theory", 18th to 20th January 2012, Morelia

	MIERCOLES 18
09.00-09.45	**Sergei Avdonin** *Mini course: The Method of Moments in Control Theory*
09.45-10.30	**Elena Kopylova** *Mini course: Asymptotic stability of kinks*
Break	10minutes
10.40-11.00	**J.G. Tinoco-Ruiz, F.J. Domínguez-Mota, G. Tinoco-Guerrero, P.M. Fernández-Valdez** *Numerical solution of second order equations with Robin boundary conditions*
11.00-11.20	**Rafael Campos** *A New Formulation of the Fast Fractional Fourier Transform*
11.20-11.40	**A. P. Anyutin,** *About 2D scattering problems by structures with perfect conducting stripes*
Break	10 minutes
11.50-12.30	**Petr Zhevandrov,** *Trapped modes and scattering of oblique waves in a two-layer fluid*
12.30-13.10	**Cristobal Vargas Jaramillo, German Gonzalez Santos** *An Study on Nonlinear Elastic Strings*
Break	10 minutes
13.20-13.40	**Elmar Wagner,** *Quantum spaces arising from C*-dynamical systems.*
13.40-14.20	**Sergey Grudsky,** *The Fox-Li operator in Laser theory and a Wiener-Hopf theory.*

	JUEVES 19
09.00-09.45	**Sergei Avdonin** *Mini course: The Method of Moments in Control Theory*
09.45-10.30	**Elena Kopylova** *Mini course: Asymptotic stability of kinks*
Break	10 minutes
10.40-11.00	**Baltazar Aguirre Hernández,** *Families of hurwitz polynomials*
11.00-11.20	**Abdon Choque Rivero,** *Controllability of coupled wave equations*
11.20-11.40	**Felipe Monroy** *Towards a classification of 3-step nilpotent sub-Riemannian geometries*
Break	10 minutes
11.50-12.30	**Gauthier Jean-Paul,** *Motion planning for kinematic problems*
12.30-13.10	**Poznyak V.,** *Attractive Ellipsoid Method for Robust Nonlinear Control*
Break	
13.10-13.40	**Luis Garza** *Perturbations of Laguerre-Hahn class linear functionals by Dirac delta derivatives*
13.40-14.20	**Abdon Choque Rivero,** *The Resolvent Matrix for the Hausdorff Matrix Moment Problem expressed by Orthogonal Matrix Polynomials*

Program schedule of the International Workshop "Analysis Differential Equations and Control Theory", 18th to 20th January 2012, Morelia

	V I E R N E S 20
09.00-09.45	**Sergei Avdonin** *Mini course: The Method of Moments in Control Theory*
09.45-10.30	**Elena Kopylova** *Mini course: Asymptotic stability of kinks*
Break	10 min
10.40-11.20	**Valery M. Imaykin,** *Long-time asymptotics for a charged particle coupled to Klein-Gordon field.*
11.20-11.40	**Olivier Sarbach**, *On the stability of black holes and wormholes in Einstein's theory of gravity*
Break	10min
11.50-12.55	**Anel Esquivel, Anatoli Merzon** *On the scattering of plane waves by impedance wedge.*
12.55-13.15	**T. Villalba-Vega, Anatoli Merzon** *On the Neumann problem for the Helmholtz equation in a plane angle*
13.15-13.35	**Cristian Jesús Rojas-Milla,** *Non -linear damped wave equation*