Universität
Konstanz

Workshop on Partial Differential Equations

Lecture Room: A704. Coffee break on Tuesday in area A6. Coffee breaks on Wednesday and Thursday in K503 (below the cafeteria).

		Tuesday, April 9
13:55 – 14:00		Opening
14:00 – 14:40		Jaime E. Muñoz Rivera
		About the essential spectral radius and applications to elasticity
14:45 – 15:25		Piero D'Ancona
		On the supercritical defocusing wave equation outside a ball
		Coffee
15:45 – 16:25		Ramón Quintanilla
		Exponential decay in one-dimensional type II/III thermoelasticity with double voids
16:30 – 17:10		Yoshihiro Ueda
		Characterization of the decay structure for a dissipative linear system and application to the Cauchy problem in thermoelasticity
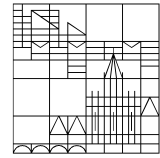
Wednesday, April 10	
9:00 – 9:40	Yaguang Wang
	Separation of the Prandtl boundary layer
9:45 – 10:25	Rainer Picard
	On abstract Friedrichs systems and some of their applications
	Coffee
10:45 – 11:25	Belkacem Said-Houari
	Global well-posedness of the Cauchy problem for the Jordan-Moore-Gibson-Thompson equation
11:30 – 12:10	Zhuangyi Liu
	Regularity of the abstract thermoelastic system with inertial term
	Lunch
14:00 – 14:40	Shuji Yoshikawa
	Classification of asymptotic profiles for the Cauchy problem of damped beam equation with two variable coefficients
14:45 – 15:25	Michael Pokojovy
	Long-Time Behavior of Quasilinear Thermoelastic Kirchhoff-Love Plates with Second Sound
	Coffee
15:45 – 16:25	Yuxi Hu
	Global existence versus blow up of solutions for compressible Navier-Stokes equations with Maxwell's law
16:30 – 17:10	RR 60
19:30	Conference Dinner
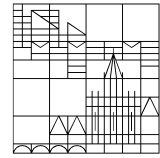
	Thursday, April 11
9:45 – 10:25	Hugo D. Fernández Sare
	Stability of thermoelastic Bresse systems
	Coffee
10:45 – 11:25	Hans-Dieter Alber
	Maxwell equations in models for electromagnetically active solids
11:30 – 12:10	Michael Dreher
	On the modulated energy functional
	Lunch
14:00 – 14:40	Marcio Jorge da Silva
	Asymptotic behavior for a class of semilinear viscoelastic Kirchhoff plate models
14:45 – 15:25	Song Jiang
	Magnetic inhibition effect on the Rayleigh-Taylor instability in non-resistive magnetohydrodynamics