IV Workshop on Trends in Nonlinear Analysis
Cagliari, September 13-14, 2022

Palazzo delle Scienze, Cagliari, Aula Magna di Fisica

TIME	CHAIR	14 SEPTEMBER	
9:00–9:25	S. PIRO-VERNIER	Speaker	SERGIO POLIDORO
		Mean value formulas for classical solutions to possibly degenerate parabolic equations with non-smooth coefficients	
9:30–9:55		Speaker	ELEONORA AMOROSO
		A priori bounded solutions for nonlinear discrete problems	
10:00–10:25		Speaker	FRANCESCA ANCESCHI
		On the long time behaviour for solutions to a non-linear spatially inhomogeneous kinetic toy model	
10:25–10:55		COFFEE BREAK	
11:00–11:25	V. VESPRI	Speaker	PIETRO d'AVENIA
		On a general mixed dispersion nonlinear Schrödinger equation	
11:30–11:55		Speaker	MARCO SQUASSINA
		Concavity of solutions to nonlinear PDEs: some new results	
13:00		SOCIAL LUNCH AT "ANTICA CAGLIARI"	

13 SEPTEMBER, 14:30–14:40: OPENING

TIME	CHAIR		
14:45–15:10	S. POLIDORO	Speaker	STELLA PIRO-VERNIER
		Behavior in time of the solutions of Keller–Segel system with flux limitation and source term	
15:15–15:40		Speaker	GIOVANNI PORRU
		Recent results on maximum principles and overdetermined problems for Hessian equations	
15:45–16:10		Speaker	GIUSEPPINA D'AGUÌ
		Positive solutions for anisotropic nonlinear elliptic equations	
16:15–16:40		Speaker	ANNALAURA REBUCCI
		On the relativistic degenerate Fokker–Planck equation	
16:40–17:10		COFFEE BREAK	
17:15–17:40	M. SQUASSINA	Speaker	VINCENZO VESPRI
		Recent advances in doubly nonlinear equations	
17:45–18:10		Speaker	FATMA GAMZE DÜZGÜN
		Anisotropic Sobolev Embeddings and the Speed of Propagation for Parabolic Equations	
18:15–18:40		Speaker	UMBERTO GUARNOTTA
		On a non-homogeneous parabolic equation with singular and convective reaction	