

CONFERENCE PROGRAM**Monday, May 22th**

14.00-14.15 **Opening.**

14.15-14.50 **J. Prüss:** *On the quasi-geostrophic equations on compact surfaces in \mathbb{R}^3 .*

14.55-15.30 **M. Hieber:** *On global strong well-posedness of the primitive equations.*

15.35-16.00 **C. Tacelli:** *Elliptic operators with unbounded diffusion, drift and potential terms.*

16.05-16.30 **Coffee break.**

16.30-17.05 **L. Rondi:** *Stability for the electromagnetic scattering problem.*

17.10-17.35 **S. Ferrari:** *On the domain of elliptic operators in subsets of Wiener spaces endowed with a weighted Gaussian measure.*

17.40-18:15 **C. Pignotti:** *Flocking results for the Cucker-Smale model with time delay.*

18.20-18.45 **A. Zamyshlyeva:** *Sobolev type equations of higher order and applications.*

Tuesday, May 23th

9.00-9.35 **A. Miranville:** *The Cahn-Hilliard equation in image inpainting.*

9.40-10.15 **R. Schnaubelt:** *Polynomial stability of two coupled strings.*

10.20-10.45 **L. Angiuli:** *An overview on linear parabolic systems with unbounded coefficients.*

10.50-11.15 **Coffee break.**

11.15-11.50 **G. Metafun:** *Spectral properties of non-selfadjoint extensions of the Calogero Hamiltonian.*

11.55-12.30 **A. Rhandi:** *L^p -theory for Schrödinger systems.*

12.35-13.00 **G. Floridia:** *Multiplicative controllability of nonlinear parabolic equations.*

13.05-14.40 **Lunch.**

14.40-15.15 **L. Pandolfi:** *Blagoveshchenskii equation and identification of a space varying coefficient of a linear viscoelastic string.*

15.20-15.55 **S. Polidoro:** *Sharp estimates for Geman-Yor processes and applications to arithmetic average asian options.*

16.00-16.25 **Coffee break.**

16.25-16.50 **D. Addona:** *Hypercontractivity, supercontractivity, ultraboundedness and supercontractivity for a class of nonlinear evolution operators.*

16.55-17.30 **E. Priola:** *Parabolic estimates and Poisson process.*

Wednesday, May 24th

9.00-9.35 **J. Goldstein:** *The Cox-Ingersoll-Ross semigroup for growing initial data.*

9.40-10.15 **S. Romanelli:** *General Wentzell boundary conditions with heat flow on the boundary.*

10.20-10.45 **Coffee break.**

10.45-11.20 **G. Ruiz Goldstein:** *Instantaneous blowup in \mathbb{R}^N and \mathbb{H}^n .*

11.25-12.00 **A. Yagi:** *Laplace reaction diffusion equations.*

12.05-12.40 **G. Marinoschi:** *An inverse problem for imaging denoising.*

12.45-14.30 **Lunch.**

14.30-15.05 **V. Barbu:** *The heat semigroup in $BV(\Omega)$.*

15.10-15.45 **K. Taira:** *Spectral analysis of the subelliptic oblique derivative problem.*

15.50-16.15 **Coffee break.**

16.15-16.50 **C. Morosanu:** *Qualitative and quantitative analysis for a nonlinear reaction-diffusion equation with constant coefficients.*

16.55-17.30 **G. Kurina:** *Mean periodic solutions of a inhomogeneous heat equation with random coefficients.*

Thursday, May 25th

9.00-9.35 **P. Cannarsa:** *Invariance for quasi-dissipative systems in Banach spaces.*

9.40-10.15 **F. Ancona:** *On the optimization of traffic flow at a junction.*

10.20-10.55 **A. Lunardi:** *Surface measures in Hilbert spaces.*

11.00-11.25 **Coffee break.**

11.25-12.00 **M. Yamamoto:** *Lipschitz stability for inverse source problems for hyperbolic-parabolic systems in fluid dynamics.*

12.05-12.40 **F. Bucci:** *Some results on a linearized model for propagation of ultrasound waves.*

12.45-14.30 **Lunch.**

14.30-15.05 **A.L. Skubacevskii:** *Elliptic functional differential equations and the Kato square root problem.*

15.10-15.45 **Y. Eidelman:** *Differential equations with separation of variables in the right hand part.*

15.50-16.15 **Coffee break.**

16.15-16.50 **D. Guidetti:** *Reconstruction of a convolution kernel depending also on one space variable in a hyperbolic mixed problem.*

16.55-17.30 **E.M. Marchini:** *Evolution equations and optimal control: the state constrained case.*

17.35-18.00 **C. Urbani:** *Controllability of the beam equation.*

Friday, May 26th

9.00-9.35 **E. Lanconelli:** *Rigidity and stability results for Gauss-type mean value formulas.*

9.40-10.15 **M. Conti:** *Viscoelasticity with a singularly oscillating external force.*

10.20-10.55 **D. Mugnai:** *Fractional equations with logistic-type nonlinearities.*

11.00-11.25 **Coffee break.**

11.25-12.00 **G. Da Prato:** *Elliptic operators with infinitely many variables.*

12.05-12.20 **Closing.**

12.30-14.00 **Lunch.**