

**RoMANs: Research on Mathematical Analysis and Semigroups.***On the occasion of Silvia Romanelli's 70th Birthday*

Bari, July 8-9, 2021

**PROGRAM****Thursday, July 8**

**Aula I, Dipartimento di Matematica**  
**Campus Ernesto Quagliariello, via E. Orabona 4**  
**Università degli Studi di Bari Aldo Moro**

8.45-9:00 **Registration**9.00-9:30 **Opening:** Saluti istituzionaliChairwoman: *Silvia Cingolani*9.30-10.05 **Jerome A. Goldstein:** *Silvia Romanelli and Mathematical Finance*10.10-10.45 **Alain Miranville:** *Mathematical models for glial cells*10.50-11.15 *Coffee break*11.15-11.50 **Fulvio Ricci\*:** *On invariance of the Schwartz space under spherical transforms*11.55-12.30 **Abdelaziz Rhandi:** *Bi-Kolmogorov type operators and weighted Rellich inequalities*12.35-13.10 **Piermarco Cannarsa\*:** *Bilinear control for evolution equations*13.15 *Lunch at Caffè Vergnano*Chairman: *Jerome A. Goldstein*15.00-15.35 **Giorgio Metafuno:**  *$L^p$ -estimates for Baouendi-Grushin operators*15.40-16.15 **Luca Lorenzi\*:** *On systems of Kolmogorov equations*16.20-16.45 *Coffee break*16.45-17.20 **Diego Pallara:** *On the spectrum of Ornstein-Uhlenbeck operator*17.25-18.00 **Gabriela Marinoschi\*:** *Semigroup approach of the chemotaxis flow*18.05-18.40 **Angelo Favini\*:** *Degenerate Integro-Differential Equations: Direct and Inverse Problems*20.30 *Social Dinner at Palace Hotel***NOTE:** The speakers with \* will give their talk via Microsoft Teams

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Chairwoman: *Gisèle Ruiz Goldstein*9.00-9.35 **Francesco Altomare:** *On the convergence of sequences of positive linear operators and functionals on bounded function spaces*9.40-10.15 **Daide Guidetti\*:** *Linear and fully nonlinear Cauchy Dirichlet problems with fractional time derivative*10.20-10.40 *Coffee break*10.45-11.20 **Maria Rosaria Lancia:** *On Venttsel problems in irregular domains: results and open problems*11.25-12.00 **Flavia Colonna:** *Weighted Composition Operators between Banach Spaces of Analytic Functions - Overview and New Trends*12.05-12.40 **Delio Mugnolo:** *Linear hyperbolic systems with general boundary conditions*12.45 *Lunch at Caffè Vergnano*Chairwoman: *Anna Maria Candela*15.00-15.35 **Wolfgang Arendt:** *Semigroups: From Hilbert space to continuous functions*15.40-16.15 **Joel Cohen\*:** *The transience of certain regular trees*16.20-16.45 *Coffee break*16.45-17.20 **Gisèle Ruiz Goldstein:** *Silvia Romanelli and General Wentzell Boundary Conditions*17.25 **Closing****NOTE:** The speakers with \* will give their talk via Microsoft Teams