

EVOLUTION EQUATIONS and PDEs
on the occasion of the 60th birthday of
Gisèle RUIZ GOLDSTEIN

July 13, 2018

Aula VI, Dipartimento di Matematica
Università degli Studi di Bari Aldo Moro

09.30-10.00 *Welcome*

Chairwoman *Rosa Maria Mininni*

10.00-10.20 **Jerome A. Goldstein**
The Mathematical Work of Gisèle Ruiz Goldstein

10.25-10.45 **Davide Guidetti**
On maximal regularity for the Cauchy–Dirichlet mixed parabolic problem with fractional time derivative

10.50-11.10 **Silvia Romanelli**
Wentzell boundary conditions in the research of Gisèle Ruiz Goldstein

11.15-11.35 *Break*

Chairman *Davide Guidetti*

11.35-11.55 **Rosa Maria Mininni**
Degenerate evolution equations in Mathematical Finance

12.00-12.20 **Giuseppe M. Coclite**
A model for the morphogens evolution in a growing tissue

12.25-12.45 **Cristian Tacelli**
Elliptic operators with unbounded diffusion, drift and potential terms

12.50-14.30 *Lunch*

Chairwoman *Anna Maria Candela*

14.30-14.50 **Francesco Altomare**
On a class of Fleming–Viot type differential operators on the unit hypercube

14.55-15.15 **Giorgio Metafuno**
Weighted Rellich and Calderón–Zygmund inequalities

15.20-15.40 *Break*

Chairman *Jerome A. Goldstein*

15.40-16.00 **Diego Pallara**
Infinite dimensional gradient estimates for perturbed Ornstein–Uhlenbeck semigroups in convex sets

16.05-16.25 **Sandra Lucente**
Global existence and asymptotic profile for a class of nonlinear dissipative equations

16.30 *Closure*