PROGRAM

Thursday, February 27th

14.00-14.35 **S. Romanelli:** *On some classes of differential operators with interior degeneracy*

14.35-15.10 **G. Floridia:** *Carleman estimates and inverse problems for transport equations*

15.10-15.45 **F. Bucci:** *Boundary regularity results for a fluid-structure interaction, with application to quadratic optimal control on an infinite time horizon*

16.45-16.15 **Coffee break.**

16.15-16.50 **B. Allal:** *Controllability of degenerate coupled parabolic system by one boundary control*

16.50-17.25 **A. Paolucci:** *Consensus results for some Hegselmann-Krause opinion fomation models with time delay*

17.25-18.00 **C. Pignotti:** *Flocking estimates for Cucker-Smale models with time delay effects*

Friday, February 28th

9.00-9.35   **P. Loreti:**   *Memory effects and glass relaxation in integro-differential equations*

9.35-10.10   **D. Sforza:**   *Special regularity features for wave equations with memory*

10.10-10.45 **A. Duca:** *Permuting quantum eigenmodes by a quasi-adiabatic motion of a potential wall*

10.45-11.15 **Coffee break.**

11.15-11.50 **T. Scarinci:**   *Stochastic Proximal Gradient Methods for Nonconvex Problems in Hilbert Spaces and applications to PDE-constrained optimization with uncertainty*

11.50-12.25 **C. Urbani:** *Stabilization and exact controllability of parabolic equations via bilinear control*

12.25-13.00 **C. Mendico:** *Mild and weak solutions of Mean Field Games problems for linear control system*

13.00-13.35 **P. Cannarsa:** *Parameter determination for energy balance models with memory*

13.35-13.40 **Closing**

13.40   **Lunch**