

ROUND MEANFIELD / crowd-opinion-cells

YPATIA WORKSHOP



Programma

Programme

2022

aula Marconi CNR, Piazzale Aldo Moro 7, Roma Italia

Mar(te)di 27/09/2022

9.30 *Caffè di Benvenuto / Café de Bienvnue*

10.30 - 11.10 **Pierre Degond**, *Mean-field limit of systems of topologically interacting particles*

11.30 - 12.10 **Emiliano Cristiani**, *A-round mean-field games in pedestrian dynamics*
déjeuner / pranzo

14.30 - 15.10 **David Poyato**, *Mean field limit of non-exchangeable multi-agent systems*
pausa caffè / pause-café

16.00 - 17.00 **Marta Menci & Roberto Natalini**, *Mean-Field limit for hybrid models with chemotaxis: theory and numerics*

Mercr(ol)edi 28/09/2022

9.30 - 10.30 **Giacomo Borghi & Lorenzo Pareschi**, *Stochastic particle systems in global optimization*
pause-café / pausa caffè

11.30 - 12.30 **Thierry Paul & Emmanuel Trélat**, *Considerations on micro/macroscopic scale equations*

12.50 - 13.30 **Marco Di Francesco**, *The "follow-the-leader" approximation of one-dimensional nonlinear transport equations*

pranzo / déjeuner

Giovedì/Jeudi 29/09/2022

9.30 - 10.30 **Nathalie Ayi & Nastassia Pouradier Duteil**, *Continuum limits of collective dynamics with time-varying weights*

pause-café / pausa caffè

11.30 - 12.10 **Stefano Rossi**, *Mean-field limit for particle systems with topological interactions*

pranzo / déjeuner

14.30 - 15.10 **Benoît Bonnet-Weill**, *Some results related to consensus formation in graphon dynamics*

pause-café / pausa caffè

16.00 - 16.40 **Mario Pulvirenti**, *Propagation of chaos for a stochastic system modelling epidemics via a coupling approach*

17.00 *Fin / Fine*