

MS01: PDEs and Applications Organizers: Debora Amadori and Felisia Angela Chiarello**Monday, August 28th**

Time	Speaker	Name of the talk
15:45-16:10	Rinaldo M. Colombo	Space Dependent Hamilton-Jacobi Equations & Conservation Laws
16:10-16:35	Andrea Corli	Modeling and management of fluid flows in pipelines with valves
16:35-17:00	Jan Friedrich	Cell Tracking for the Radiative Transfer Equation
17:00-17:25	Alexander Keimer	Nonlocal conservation laws with p-norm, the singular limit problem and applications in traffic flow
17:25-17:50	Massimiliano Rosini	Conservation laws with discontinuous flux and traffic modeling
17:50-18:15	Elena Rossi	On a class of mixed non linear and nonlocal hyperbolic-parabolic systems
18:15-18:40	Elisabetta Brocchieri	Evolution of populations structured by dietary diversity and starvation: cross-diffusion systems