

Kinetic Traffic Models and Numerical Methods

Rome, February 5, 2020

Conference on the occasion of Gabriella Puppo 60th birthday

Program

9:00	Registration
9:20	Welcome
9:30 – 10:10	Angelo Iollo <i>Compressible flows, Low-Order Models and Optimal Transportation</i>
10:10 – 10:50	Rémi Abgrall <i>Some comments on structure preserving high order schemes: the example of entropy preserving schemes, and other constraints</i>
Coffee Break	
11:10 – 11:50	Sebastian Noelle <i>Well-balancing toolbox</i>
11:50 – 12:30	Christian Klingenberg <i>Low Mach number AP schemes for the Euler equations</i>
12:30 – 13:10	Maria Groppi <i>Consistent BGK models for gas mixtures and their hydrodynamic limits</i>
Lunch Break	
14:30 – 15:10	Smadar Karni <i>A Second Order Traffic Flow Model with Lane Changing</i>
15:10 – 15:50	Giuseppe Visconti <i>Unstable waves in kinetic traffic models</i>
Coffee Break	
16:10 – 16:50	Maya Briani <i>Multiclass traffic flow modeling with application to real data</i>
16:50 – 17:30	Andrea Tosin <i>Emerging topics in the kinetic theory of traffic flow</i>