Trieste, June 21-22, 2004

Third meeting on Hyperbolic Conservation Laws:
Recent results and Research perspectives

Program

Monday June 21, afternoon. Chairman: Andrea Marson (University of Padova)

14:45   Opening of the meeting

15:00-15:55 Alberto Bressan (SISSA-ISAS, Trieste): *Research directions in hyperbolic conservation laws*

16:00-16:25 Piotr Gwiazda (University of Brescia): L^1 *stability of semigroups with respect to their generators*

16:30-17:00 Coffee Break

17:00-17:25 Frederic Rousset (ENS Lyon): *Large amplitude boundary layers in geophysical flows*

17:30-17:55 Graziano Guerra (University of Milano Bicocca): *Well-posedness for a scalar conservation law with singular non-conservative source*

18:00-18:25 Andrea Corli (University of Ferrara): *A class of hyperbolic systems of balance laws*

20:00   Social Dinner

Tuesday June 22, morning. Chairman: Alberto Bressan (SISSA-ISAS, Trieste)

9:00-9:25   Camillo De Lellis (ETH Zurich): *The chain rule for the divergence of vector fields and applications*

9:30:9:55   Carlotta Donadello (SISSA-ISAS, Trieste): *Stability of front tracking solutions to the boundary value problem for systems of conservation laws*

10:00-10:25 Marco Di Francesco (University of L'Aquila): *Recent developments in the optimal transportation approach to nonlinear diffusion equation*

10:30-11:00 Coffee Break

11:00-11:25 Mauro Garavello (SISSA-ISAS, Trieste): *Traffic flow on road networks*

11:30-12:00 Massimiliano Rosini (University of Brescia): *A model for pedestrians flow*

12:00   Free discussion. Chairman: Rinaldo M. Colombo (University of Brescia)