# NONLINEAR HYPERBOLIC PDEs, DISPERSIVE AND TRANSPORT EQUATIONS: ANALYSIS AND CONTROL

## SISSA , Trieste – Week from May 30ᵗʰ to June 3ʳᵈ, 2011

## PROGRAM

The lectures and the talks will take place in the **Room no. 133** at the first floor of the **SISSA building**, located in Via Borromea, 265, Trieste.

**Courses:**
- **Alessio Figalli**: *Variational models for the incompressible Euler equations*.
- **Karl-Theodore Sturm**:  *Optimal transport, Ricci curvature and gradient flows*.

|  | Monday - 30 |
|---|---|
| 13:50 -- 14:20 | Registration |
| 14:20 -- 14:30 | Opening |
| 14:30 -- 15:20 | Karl-Theodore Sturm |
| 15:30 -- 15:50 | Coffee  Break |
| 15:50 -- 16:40 | Karl-Theodore Sturm |
| 16:50 -- 17:40 | Alessio Figalli |

|  | Tuesday - 31 |
|---|---|
| 9:30 -- 10:20 | Alessio Figalli |
| 10:30 -- 11:20 | Alessio Figalli |
| 11:30 -- 14:30 | Lunch  Break |
| 14:30 -- 15:20 | Karl-Theodore Sturm |
| 15:30 -- 15:50 | Coffee  Break |
| 15:50 -- 16:40 | Karl-Theodore Sturm |

| | Wednesday - 1 |
|---|---|
| 9:00 -- 9:50 | Karl-Theodore Sturm |
| 10:00 -- 10:20 | Coffee  Break |
| 10:20 -- 11:30 | Alessio Figalli |
| 11:30 -- 12:20 | Alessio Figalli |
| 12:30 -- 14:30 | Lunch  Break |
| 14:30 -- 16:30 | Seminars |

| | Friday - 3 |
|---|---|
| 9:30 -- 10:20 | Karl-Theodore Sturm |
| 10:30 -- 11:20 | Alessio Figalli |
| 11:30 -- 11:40 | Closing |

**N.B.: Thursday June 2nd is national holiday in Italy**