Complex Systems and Artificial Intelligence (CSAI) Research Center University of Milano-Bicocca

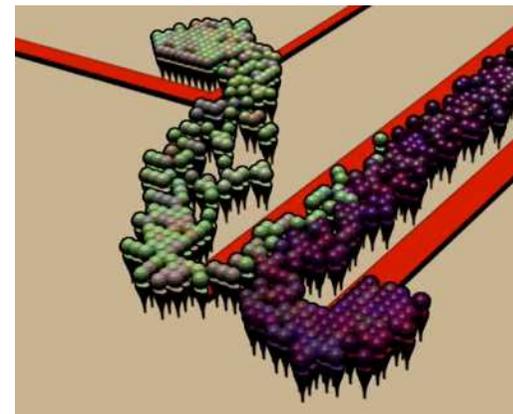Transport Information Days - Brokerage event

18-19 July 2012

CSAI research centre

- Contact person:
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- General expertise of the centre
  - Complex system modelling and simulation
    (CA, agent-based simulation)
  - Knowledge based systems (knowledge
    engineering, expert systems, industrial
    applications)
- Additional expertise in the Department
  - Robotics applied to automatic guided
    vehicles

CSAI partner profile

- Relevant expertise of CSAI for Transport
  - Modelling and simulation of pedestrians and crowd by means of agent-based approaches (implications of *groups* and *elderly* in simulated phenomena)
  - Application of pedestrian simulation studies in multimodal transport networks
  - Modelling and simulation of complex transport related phenomena by means of Cellular Automata and agent-based approaches
- Topics of interest
  - SST.2013.3-1. Managing integrated multimodal urban transport network
  - SST.2013.3-3. Capitalising CIVITAS knowledge and experience
- Recent relevant projects
  - Crystals, funded by HajjCORE (Makkah, Saudi Arabia), also in collaboration with the RCAST of the University of Tokyo