

(tentative)

## **Monday March 23**

- Morning 9:00 - 12:30
  - Talk 1: Introduction to Engineering Collective Autonomic Systems (Martin Wirsing)
  - Talk 2: SCEL: A Language for Programming Autonomic Component Ensembles (Rocco de Nicola)
  - Talk 3: Reasoning and Learning for Awareness and Adaptation (Matthias Hözl)
  - Talk 4: From Local to Global Knowledge and Back (Ugo Montanari)
- Afternoon 14:00-18:00
  - Session 1: Case studies (Carlo Pinciroli, Philip Mayer and Nicklas Hoch)
  - Session 2: Project intros + team building

## **Tuesday March 24**

- Morning 9:00 - 12:30
  - Talk 1: Policies for Access Control in SCEL (Rosario Pugliese)
  - Talk 2: A Formal Approach to Adaptation, Awareness and Self-Expression (Roberto Bruni)
  - Talk 3: Quantitative Verification Techniques (Saddek Bensalem)
  - Talk 4: Methods for Performance Monitoring and Prediction (Petr Tuma)
- Afternoon 14:00-18:00
  - Session 1: Student projects
  - Session 2: Student projects
- Visit to Puccini Museum (18:00)

## **Wednesday March 25**

- Morning 9:00 - 12:30
  - Talk 1: Industry Talk: E-Mobility (Henry Bensler)

- Talk 2: The Invariant Refinement Method (Tomas Bures)
- Talk 3: Best Practices for Engineering Collective Adaptive Systems (Nora Koch)
- Talk 4: Knowledge Representation for Adaptive and Self-Aware Systems (Emil Vassev)
  
- Afternoon 14:00-18:00
- Student projects
- Student projects
  
- School dinner 20:00

## Thursday March 26

- Morning 9:00 - 12:30
- Student projects
- Student projects
  
- Afternoon 14:00-18:00
- Talk 1: Keynote: Concurrent Systems Specification and Verification using BIP (Joseph Sifakis)
- Talk 2: Engineering Self-organization and Emergence (Franco Zambonelli)
- Talk 3: Industry Talk: Cloud (Maximilian Ahrens)
- Talk 4: Keynote: Swarm Intelligence in the Natural and Artificial Worlds (Marco Dorigo)

## Friday March 27

- Morning 9:00 - 12:30
- Talk 1: Student project + preparation of presentations
  
- Talk 2: Student project + preparation of presentations
- Talk 3: Student project + preparation of presentations
- Talk 4: Student project + preparation of presentations
  
- Afternoon 14:00-18:00
- Session 1: Student presentations
  
- Session 2: Student presentations

- Closing 18:00



