DALT 2003
Program and directions

Dear DALT attendee,

Due to the number of high quality contributions, DALT will be held as a full day workshop. The morning sessions of DALT will take place in Room 5.08 of the ICT Building, 111 Barry Street, Carlton, hosted by the University of Melbourne. In the afternoon, the workshop will continue in the Brisbane room of the Sofitel Hotel, 25 Collins Street.

The ICT Building is located within walking distance from the Sofitel Hotel. The walk is around 30 minutes. It can be reached alternatively by tram. On the way from the University to the Hotel there are several places to drop by for a snack, during lunchtime.

Directions from the Conference Hotel to the ICT Building are enclosed below. Further information about venues, location and facilities can be found on the conference web site, `www.aamas-conference.org`, on the hotel web site, `www.sofitelmelbourne.com.au`, and on the Melbourne CitySearch web site, `melbourne.citysearch.com.au`.

Looking forward to seeing you at the workshop,

Joao A. Leite
Andrea Omicini
Leon Sterling
Paolo Torroni

DALT 2003 Program

MORNING. Room 5.08, ICT Building, 111 Barry Street, Carlton

9.00-9.20:   **Welcome & Introduction**
Session A. Software Engineering and MAS Prototyping.
Chair: Leon Sterling

9.20-9.45:   An Agent-based Domain Specific Framework for Rapid Prototyping of Applications in Evolutionary Biology. *Cao Tran Son, Enrico Pontelli, Desh Ranjan, Brook Milligan, and Gopal Gupta*

9.45-10.10:   Go! for multi-threaded deliberative agents. *Keith L. Clark and Frank G. McCabe*

10.10-10.35:   Operational Semantics for Agents by Iterated Refinement. *Federico Bergenti, Giovanni Rimassa, and Mirko Viroli*

10.35-11.00:   A Logic-Based Infrastructure for Reconfiguring Applications. *Marco Castaldi, Stefania Costantini, Stefano Gentile, and Arianna Tocchio*

11.00-11.50:   **Panel discussion.** The use of declarative programming for Agent-Oriented Software Engineering.
Moderators: Andrea Omicini and Leon Sterling

11.50-1.00:   **Lunch break** and transfer to the Sofitel Hotel

AFTERNOON. Brisbane room, Sofitel Melbourne, 25 Collins Street

Session B. Social Aspects of MAS.
Chair: Andrea Omicini

1.00-1.25:   Logic-Based Electronic Institutions. *Wamberto W. Vasconcelos*

1.25-1.50:   Modelling interactions using Social Integrity Constraints: a resource sharing case study. *Marco Alberti, Marco Gavanelli, Evelina Lamma, Paola Mello, and Paolo Torroni*

1.50-2.15:   Linear Logic, Partial Deduction and Cooperative Problem Solving. *Peep Küngas*

2.15-2.30   **Break**
Session C. Agent Reasoning, BDI Logics and Extensions.
Chair: Paolo Torroni

2.30-2.55:   A Proposal for Reasoning in Agents: Restricted Entailment. *Lee Flax*

2.55-3.20:   Extending the Operational Semantics of a BDI Agent-Oriented Programming Language for Introducing Speech-Act Based Communication. *Álvaro F. Moreira, Renata Vieira, and Rafael H. Bordini*

3.20-3.45:   Coo-BDI: Extending the BDI Model with Cooperativity. *Davide Ancona and Viviana Mascardi*

3.45-4.10:   A Combined Logic of Expectation and Observation (A generalization of BDI logics). *Binh Trân, James Harland, and Margaret Hamilton*

4.10-5.00:   **Panel discussion**. Declarative and logic-based technology for agent reasoning and interactions.
Moderators: Wiebe van der Hoek and Rafael Bordini

5.00:   **Closing**

How to reach the ICT Building

Directions from the Sofitel Hotel:

- Depart and travel ahead along Collins St;
- turn right onto Exhibition St (about 15 mins);
- turn left onto Victoria St (about 15 mins);
- turn right onto Leicester St;
- turn left onto Barry St.

ICT Building