

AADL Meeting, Tucson AZ, Jan 22-25

Doubletree Hotel Tucson at Reid Park
445 S. Alvernon Way, Tucson, Arizona
520-881-4200

Hotel Reservations:

Guestroom Accommodation

The rate for the group will be \$104.00 per room per night single/double occupancy (US Government Per Diem rate); rate is inclusive of a housekeeping gratuity of \$1.00 per room per night. Rate is net non-commissionable and subject to current sales tax of 11.5%, \$1.00 bed tax.

Guestroom Reservations/Billing

Each individual is expected to call for their reservation. The hotel is pleased to make available the National reservations at (800-222-8733). From outside the USA (+1-520-881-4200). It will be necessary for each individual to identify themselves as being part of the "2007 SAE Winter Conference" or "Raytheon" in order to obtain this special rate. Failure to cancel a guaranteed reservation 24 hours prior to the day of arrival or occupy the room will result in a charge of one night's room and tax applied to the credit card or forfeiture of the deposit.

Each attendee will be responsible for their room, tax and incidental charges. Payment will be accepted in the form of a major credit card or cash.

Cut-Off Date

The room block, as previously outlined, will be held until December 26, 2007. On that date any unused portion of the Group room block will be released for general sale to the public. Reservations received after this date are subject to availability at the Hotel's prevailing rate.

Agenda for AADL Meeting, Tucson AZ, Jan 22-25

Monday Jan 22

- 08:30-09:00 News and Status, Discussion of research project integration
ASSERT, TOPCASED, SPICES, AVSI, UIUC, SEI, SPACIFY, ARTIST
(30m) (Bruce)
- 09:00-10:00 Small improvements & actions (check minutes & Wiki)
- 10:00-10:30 Break
- 10:30-12:00 Behavior Annex & Core communication timing (1.5 hours) (Mamoun,
Peter, Dave Thomas)
- 12:00-01:30 Lunch
- 01:30-03:00 Arrays (1.5 hours) (Jean Francois, Duncan)
- 03:00-03:30 break
- 03:30-05:00 Classifier substitution (30 m) (Peter)
Predeclared properties; standard packages (30-60 m) (Peter)
Input from SPICES (30 m) (Pierre Gaufillet)

Tuesday Jan 23

- 08:30-09:00 Error model overview, errata & issue (Guard_out & inferred error states) (30 m) (Steve Vestal)
- 09:00-10:00 Fault propagation analysis (Mapping of York propagation model & need for naming error events in guards) (30 m) (Peter)
Templates (system config/family, conceptual -> task arch) (30 m) (Peter, Dave Thomas)
- 10:00-10:30 Break
- 10:30-12:00 UML 2 Profile review (1 hr) (discuss informal ballot results & discuss what all is part of profile / ongoing maintenance/AADL V2) (60)(Ed)
xUML <-> AADL (30 min) (Peter)
- 12:00-01:30 Lunch
- 01:30-03:00 Template use (redundancy/health monitoring, interceptors/protocols) (30m) (Peter)
Implementation (public/private)visibility/mode visibility (1hr) (Peter)
- 03:00-03:30 break
- 03:30-04:30 ARINC653 summary & strategy for annex (1hr) (Steve H, Steve V, Dave Thomas)
- 04:30-05:00 AADL Standard Consortium (Standard Validation, International Univ Coop, User Workshops, Plug-in Repository with Doc) (30m) (SEI)
- 05:00-05:30 Code generation and runtime specification in AADL (30m) (Laurent, Jerome)

Wed Jan 24

Model capture and transformation

- 08:30-09:00 OSATE model creation & management (30 min) (Peter)
- 09:00-09:30 TOPCASED (30 min) (Pierre G)
- 09:30-10:00 STOOD (30 min) (Pierre Dissaux)

AADL Simulation and Formal Methods Extention

- 10:30-11:00 Axlog Simulator (30 min) (Jean F)
- 11:00-11:30 Furness Tools, Maintenance, Simulator, Formal Methods, Validation suite (30 m) (Duncan)
- 11:30-12:00 OSATE/AADL extensibility (Alloy) (30 min) (Peter)

AADL Formal Modeling and Integration

- 01:30-02:00 Dassault AADL Formal Modeling w. Petrinets (30 min) (Serge)
- 02:00-02:30 FPGA Analysis & Generation Rockwell (30 min) (Yves (c), Dave, John)
- 02:30-03:00 ENST Ocarina Analysis, Generation, and Integration demo (30 min) (Jerome, Laurent)

Aircraft level AADL simulation and Rapid Integration Methodology

- 03:30-04:00 NATO ALWI Study (30 min) (Doug)
- 04:00-05:00 21st Century presentation & demo (60 min) (Rob)

Thursday Jan 25

- 08:30-09:00 How much and how little does the language change (what's in AADL V2)
(Peter)
- 09:00-09:30 Update existing annex documents or Eaton on Sensor Nets (30)
- 09:30-10:00 Protocol Modeling in Netcentric Systems(30m) (Oleg)
- 10:00-10:30 Break
- 10:30-11:00 FCS and AADL – Needs (30m) Joyce
- 11:00-11:30 Network of Excellence in NCW Needs, Annexes (30m)
(Christophe)
- 11:30-12:00 Planning for next meeting (30m)