AADL Standards Meeting April 22-25, 2013

**Jacksonville, Florida**

Registration and hotel meeting info at SAE website at [http://www.sae.org/servlets/works/committeeHome.do?comtID=TEAAS2C#](http://www.sae.org/servlets/works/committeeHome.do?comtID=TEAAS2C)

Teleconference and Web Meeting will be provided next draft at end of agenda.

All times are for Jacksonville, Florida, USA.

# Monday, April 22

08:30-09:00 AADL News and Notes (Bruce Lewis, Chair)

09:00-09:30 AADL Inspector V1.1 (Pierre Dissaux) + Cheddar

09:30-10:00 continued

10:00-10:30 Break

10:30-11:00 Synchronous AADL Annex proposal White Paper Review - Jean Pierre Talpin

11:00-11:30 continued

11:30-12:00 continued

12:00-01:30 Lunch

01:30-02:00 Synchronous AADL Annex continued

02:00-02:30 continued

02:30-03:00 OSATE 2 Updates and Issues Discussion (Julien Delange)

03:30-04:00 Break

04:00-04:30 Analysis Design Language (Constraint Annex) Update – Serban Gheorghe

04:30-05:00 continued

Tuesday April 23

08:30-09:00 Review Requirements Annex Comments (Dominique Blouin)

09:00-09:30 continued

09:30-10:00 continued

10:00-10:30 Break

10:30-11:00 Adele/OSATE Graphical Synchronization (Dominique Blouin)

11:00-11:30 Error Modeling Annex Update on the AADL Error Modeling Annex and tools (Peter Feiler)

11:30-12:00 continued

12:00-01:30 Lunch

01:30-02:00 continued

02:00-02:30 continued

02:30-03:00 continued

03:00-03:30 Break

03:30-04:00 continued

04:00-04:30 Demonstration of the Error Modeling Annex in OSATE2 (Julien Delange)

04:30-05:00 continued

Wednesday April 24

08:30-09:00 Code Generation Annex (Jerome Hugues)

09:00-09:30 continued

09:30-10:00 Multi-Core Processor Example Using OCARINA (Jerome Hugues)

10:00 -10:30 Break

10:30-11:00 Update on the RAMSES with Demo (Etienne Borde)

11:00-11:30 Goal Driven Requirements Transformations in AADL (Emilio Insfran, Dominique Blouin, Etienne Borde) (tentative)

11:30-12:00 Enhanced Analyses for AADLV2 in OSATE (Peter Feiler)

12:00-01:30 Lunch

01:30-02:00 Graphical Annex Update Recommendations (Pierre Labreche)

02:00-02:30 continued

02:30-03:00 continued

03:00-03:30 Break

03:30-04:00 Errata Discussion on AADL V2 (Peter Feiler)

04:00-4:30 continued

04:30-5:00 Planning for next meeting

# Thursday April 25

08:30 -09:30 BLESS Update: Formal semantics for actuators using AADL device components.

Will demonstrate OSATE+BLESS generation of proofs from AADL stepper motor model using provided subprogram access to define semantics of actuators via weakest-precondition predicate transforms. (Brian Larson)

09:30-10:00 NSF Cyber-Physical Systems Medical Devices Update (Mike Whalen)

10:00-10:30 Break

10:30-11:00 Using AADL/OSATE to Configure RTOS and Build UAV Software

(Mike Whalen)

11:00-12:00 SAVI Session – Discussions of potential analyses to be demonstrated on SAVI.

Tool providers/experimenters and SAVI users interact. (Brendan Hall)