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 Multi-platform code generation from AADL models (Oleg Sokosky)

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

05:00-05:30 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

05:00-05:30 Proposal for Annexes for UnitRelations and basic expressions for Unitful Values (Alexey Khoroshilov)

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)

Webex Meeting

Topic: AS-2C AADL Meeting

Date: Every 1 day, from Monday, April 22, 2013 to Thursday, April 25, 2013

Time: 8:30 am, Eastern Daylight Time (New York, GMT-04:00) Meeting Number: 656 574 784 Meeting Password: AS2caadl

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To join the online meeting (Now from mobile devices!)

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1. Go to <https://sae.webex.com/sae/j.php?ED=214512857&UID=0&PW=NYWFjNTQ4NTRh&RT=MiMxMQ%3D%3D> <blockedhttps://sae.webex.com/sae/j.php?ED=214512857&UID=0&PW=NYWFjNTQ4NTRh&RT=MiMxMQ%3D%3D>

2. If requested, enter your name and email address.

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To join the audio conference only

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Call-in toll-free number (US/Canada): 1-866-469-3239 Call-in toll number (US/Canada): 1-650-429-3300 Global call-in numbers: <https://sae.webex.com/sae/globalcallin.php?serviceType=MC&ED=214512857&tollFree=1> <blockedhttps://sae.webex.com/sae/globalcallin.php?serviceType=MC&ED=214512857&tollFree=1>

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You can contact me at:

[dlloyd@sae.org](mailto:dlloyd@sae.org)

To add this meeting to your calendar program (for example Microsoft Outlook), click this link:

<https://sae.webex.com/sae/j.php?ED=214512857&UID=0&ICS=MI&LD=1&RD=2&ST=1&SHA2=AAAAAs1HsjiIAS1zKXiXmusatlc--Lxjl339DYAyeM9FA6wu&RT=MiMxMQ%3D%3D> <blockedhttps://sae.webex.com/sae/j.php?ED=214512857&UID=0&ICS=MI&LD=1&RD=2&ST=1&SHA2=AAAAAs1HsjiIAS1zKXiXmusatlc--Lxjl339DYAyeM9FA6wu&RT=MiMxMQ%3D%3D>