



To SAI Subcommittee
Software Metrics Working Group

Date August 25, 2017

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Subject **Meeting Announcement**
Software Metrics Working Group

Chairman Reinhard Andreae, Lufthansa

When **January 16-18, 2018**
Tuesday and Wednesday from 0900 to 1700
Thursday from 0900 to 1300

Where **Hilton Cocoa Beach Oceanfront**
1550 North Atlantic Avenue
Cocoa Beach, Florida 32931-3268
tel: 1-321-799-0003
<http://www3.hilton.com/en/hotels/florida/hilton-cocoa-beach-oceanfront-CCBCHHF/index.html>

A block of sleeping rooms has been reserved for the ARINC Software Metrics Working Group. Please take advantage of the discount rate of \$159 plus applicable taxes. When booking your room reservation online, please be sure to use the link provided below.

Website Booking:

1. Hilton reservation website:
http://www.hilton.com/en/hi/groups/personalized/C/CCBCHHF-ARINC2-20180115/index.jhtml?WT.mc_id=POG
2. Click on book a room
3. Enter your arrival/departure dates and the number of guests in the room
4. Confirm reservation with a credit card

Telephone Booking:

1. Hilton reservation telephone number: 1-866-580-7402
2. Provide the group code: ARINC2
3. Provide your arrival/departure dates and the number of guests in the room
4. Confirm reservation with a credit card

Important: The cutoff date to obtain the discount rate of \$159 is **December 16, 2017**.

Instructions

Please notify ARINC Industry Activities of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

Software Metrics Working Group Meeting in Cocoa Beach

The Software Metrics Working Group will discuss avionics problem reports and software reliability metrics for avionics systems and software. The goal is to define measurable parameters that can be used to improve the reliability and overall performance of avionics systems. This is inclusive of software used in Aircraft Control (AC), Airline Information Systems (AIS), and Passenger Information and Entertainment Systems (PIES) domains.

Two-step Development Process

The Software Metrics activity is divided into two phases: a discovery phase and a standards development phase as follows:

Phase 1: "Define the Problem Space"

- Investigate categories of software failures to monitor, define potential software quality metrics, and agree to the scope of the proposed standard.
- Phase 1 will identify the proposed metrics and provide recommendations as to how they might be captured.
- APIM 16-001 will be updated at the end of Phase 1 – status report provided to AEEC Executive Committee in April 2018.

Phase 2: Standards Development – will be discussed at the AEEC General Session.

Written inputs to this meeting are invited. Should your organization wish to schedule time on the agenda, please contact Paul Prisaznuk before December 16, 2017.

Travel Information

Hotel Directions and Transportation

The Hilton Cocoa Beach Oceanfront Hotel is located about 45 miles from the Orlando, Florida Airport. A rental car or a van service is recommended.

Orlando International Airport (MCO)

Distance from hotel: 45 miles

Drive time: 45 minutes

Directions: Take SR 528 East (Bee Line) for 40 miles until it becomes A1A South at Port Canaveral. Go 5 miles on A1A South through Cape Canaveral and into Cocoa Beach. The Hilton hotel is located 1 mile south of Ron Jon's on the left.

Note: SR 528 is a toll road. Plan on having cash or SunPass in your rental car.

Melbourne International (MLB)

Distance from hotel: 25 miles

Drive time: 40 minutes

Directions: Turn left onto NASA Blvd to US 1; turn left onto US 1 North to SR 404

(Pineda Causeway). Turn right onto 404 East to Hwy A1A; turn left onto A1A North and go 8 miles. The Hilton Cocoa Beach is located on the right side of the road.

Van Services

Shuttle services between Orlando and Cocoa Beach:

<http://www.cbshuttle.com/cocoa-beach-rates.htm>

<http://www.aroundtheclockusa.com/1601300.html>

<http://www.cocoabeachshuttle.net/>