



To SAI Subcommittee **Date** November 7, 2018

From P. J. Prisaznuk
pjp@sae-itc.org
tel: 1-410-212-0913 **Reference** 18-999/SMA-099 lth

Subject Meeting Announcement
Systems Architecture and Interfaces (SAI) Subcommittee

Chairmen Rich Stillwell, United Airlines
Reinhard Andreae, Lufthansa

Host Gables Engineering

When February 7-8, 2019
February 7, from 0900 to 1700 (Thursday)
February 8, from 0900 to 1200 (Friday)
Note: The SAI Global Aircraft Tracking (GAT) Working Group will meet February 4-6 at the same location. Refer to 18-999/SMA-098 for details.

Where Meeting Location
Gables Engineering
247 Greco Avenue
Coral Gables, Florida 33146
Point of Contact
Anna A. Franklin
Business Development Administrator
tel: 1-305-774-4327
email: franklin@gableseng.com
www.gableseng.com

Hotels There are many hotels near Gables Engineering to meet your budget and comfort needs. A list is attached to this meeting announcement.

Instructions Please notify the Industry Activities staff 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

SAI Meeting in Miami

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare avionics system-level guidance for new airplanes and major retrofit programs. It will discuss NextGen and SESAR programs and the impact on Communication, Navigation, and Surveillance (CNS) equipment.

NextGen and SESAR Equipment and Architectures

The SAI Subcommittee will continue its discussion of avionics equipment and data comm services necessary for NextGen and SESAR programs

ARINC Report 660B: *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. Future work will be discussed.

Global Aircraft Tracking

The SAI Global Aircraft Tracking (GAT) Working Group will meet February 4-6 at the same location. A summary of Autonomous Distress Tracking (ADT) and Timely Recovery of Flight Data (TRFD) activities will be reported.

CNS Radio Architectures

The SAI Subcommittee will prepare a framework for future radio system architectures. Topics include the following:

- Classification of radio architectures, including new distributed radio architecture options
- Identification of the best architecture options for each Communication, Navigation, and Surveillance radio
- Possible combination and integration of CNS radio components
- Constraints for RF Front Ends installation and identification of Fit/Forms solutions
- Requirements for the digital interfaces to RF equipment
- Requirements for avionics interfaces for the radio systems, both voice and data
- Characterization of radio computing platforms
- Potential opportunities for common services for the radios
- Data security requirements, and approaches for isolation of the aircraft systems from attacks through RF interfaces
- Safety considerations on the architectures
- Certification considerations
- Transition approaches for the deployment of new products, including current aircraft programs.

APIMs

Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review several draft APIMs leading to the development of new ARINC Standards. Proponents are invited to present their APIM in person.

In preparation for the AEEC General Session to be held April 29 to May 2, 2019 in Prague, the SAI Subcommittee will discuss the following:

- Cabin Equipment Solutions
- Data Communications Standard
- Networks and Security
- Software Data Loading
- Other APIM proposals

Travel Information

Gables Engineering is located about 15 minutes South of the Miami International Airport (MIA). Directions to Gables are provided for you as well as a link that takes you to Google maps so you can get directions to your hotel from the Miami International Airport.

From Miami Airport Rental Car Facility

1. Exit on 12th street 0.2 mi
2. Follow signs to Route 953 south, Le Jeune Rd 3.8 mi
3. Turn left onto Bird Avenue 0.2 mi
4. Turn right onto Ponce De Leon Blvd 0.3 mi
5. At the traffic circle, use 1st exit onto Greco Ave
6. Gables Engineering is on the right
7. Visitors parking through the gate, rear of building

Gables Engineering
247 Greco Avenue
Coral Gables, Florida 33146

[Click here for directions](#)

Attachment 1

MIAMI, FLORIDA HOTELS

Miami Airport Marriott

1201 N.W. LeJeune Road, Building A

Miami, FL 33126

Phone: (305) 649-5000

Website: www.marriott.com

Check-in: 3:00pm

Check-out: 12:00pm

Onsite Parking fee: \$17.00 USD daily

Valet Parking fee: \$20.00 USD daily

Distance from Gables Engineering: 4.1 miles

Hotel Colonnade Coral Gables, A Tribute Portfolio Hotel

180 Aragon Avenue

Coral Gables, FL 33134

Phone: (305) 441-2600

Website:

<http://www.starwoodhotels.com/tributeportfolio/>

Check-in: 4:00pm

Check-out: 11:00pm

Valet Parking fee: \$30.00 USD daily

Distance from Gables Engineering: 1.53 miles

Courtyard by Marriott

2051 South LeJeune Road

Coral Gables, FL 33134

Phone: (305) 443-2301

Website: www.marriott.com

Check-in: 3:00pm

Check-out: 12:00pm

Onsite Parking fee: \$10.00 USD daily

Offsite Parking fee: \$16.00 USD daily

Distance from Gables Engineering: 1.9 miles

The Mutiny Hotel (On the Bay in Coconut Grove)

2951 South Bayshore Drive

Miami, FL 33133

Phone: (305) 441-2100

Website: <https://www.providentresorts.com/mutiny-hotel/>

Check-in: 3:00pm

Check-out: 12:00pm

Distance from Gables Engineering: 1.9 miles

Parking available

Courtyard by Marriott Coconut Grove

2649 South Bayshore Drive

Coconut Grove, FL 33133

Phone: (305) 858-2500

Website: www.marriott.com/hotels

Check-in: 3:00pm

Check-out: 12:00 pm

Valet Parking fee: \$29.28 USD daily

Distance from Gables Engineering: 2.4 miles

Sonesta Bayfront Beach Hotel

2889 McFarlane Road

Coconut Grove, FL 33133

Phone: (305) 529-2828

Website: www.sonesta.com/coconutgrove

Check-in: 3:00pm

Check-out: 12:00pm

Valet Parking fee: \$30.00 USD daily

Distance from Gables Engineering: 1.6 miles



MIAMI, FLORIDA HOTELS

Hilton Miami Airport

5101 Blue Lagoon Drive

Miami, FL 33126

Phone: (305) 262-1000

Website: www.hilton.com

Check-in: 3:00pm

Check-out: 12:00pm

Self Parking fee: \$19.00 USD daily

Valet Parking fee: \$25.00 USD daily

Distance from Gables Engineering: 5.9 miles

Pullman Miami Airport Hotel

5800 Blue Lagoon Drive

Miami, FL 33126

Phone: (305) 264-4888

Website: www.pullmanhotels.com

Check-in: 3:00pm

Check-out: 12:00pm

Valet Parking Available upon request

Distance from Gables Engineering: 4.86 miles

Embassy Suites (Miami Int'l Airport)

3974 NW South River Drive

Miami, FL 33142

Phone: (305)634-5000

Website: www.embassysuites3.hilton.com

Check-in: 4:00pm

Check-out: 11:00am

Self Parking fee: \$19.00 USD daily

Valet Parking fee: \$25.00 USD daily

Distance from Gables Engineering: 5.7 miles

The Ritz-Carlton Coconut Grove, Miami

3300 SW 27th Avenue

Miami, FL 33133

Phone: (305) 644-4680

Website: www.ritzcarlton.com

Check-in: 4:00pm

Check-out: 11:00am

Valet Parking Fee: \$38.00 overnight **or** \$20.00 daily

Distance from Gables Engineering: 1.7 miles



MIAMI, FLORIDA HOTELS

Residence Inn Marriott Miami Coconut Grove

2835 Tigertail Avenue

Coconut Grove, FL 33133

Phone: (305) 285-9303

Website: www.marriott.com

Check-in: 4:00pm

Check-out: 12:00pm

On-site parking fee: \$20.00 USD daily

Distance from Gables Engineering: 1.7 miles

Mayfair Hotel & Spa

3000 Florida Avenue

Coconut Grove, FL 33133

Phone: (305) 441-0000 or 1-800-433-4555

Website: www.mayfairhotelandspa.com

Check-in: 4:00pm

Check-out: 12:00pm

Parking fee: \$28.00 per night

Distance from Gables Engineering: 1.4 miles

Hampton Inn by Hilton Coconut Grove

2800 SW 28th Terrace

Coconut Grove, FL 33133

Phone: (305) 448-2800

Website: www.hamptoninncoconutgrove.com

Check-in: 4:00pm

Check-out: 12:00pm

Parking garage available (daily charges apply)

Distance from Gables Engineering: 1.5 miles

Hyatt Regency Coral Gables

50 Alhambra Plaza

Coral Gables, FL 33134

Phone: (305) 441-1234

Website: www.coralgables.regency.hyatt.com

Check-in: 3:00pm

Check-out: 12:00pm

Parking fee: \$27.00 overnight

Valet Parking: \$33.00

Distance from Gables Engineering: 2.0 miles



MIAMI, FLORIDA HOTELS

Palmeiras Beach Club at Grove Isle

4 Grove Isle Dr.

Miami, FL 33133

Phone: (305) 858-8300

Website: www.palmeirasbeachclub.com

Check-in: 3:00pm

Check-out: 12:00pm

Valet Parking fee: \$15.00 daily

Distance from Gables Engineering: 3.5 miles

Four Seasons Hotel Miami

1435 Brickell Avenue

Miami, FL 33131

Phone: (305) 358-3535

Website: www.fourseasons.com/miami

Check-in: 3:00pm

Check-out: 12:00pm

Valet Parking & Limousine service available (additional fee)

Distance from Gables Engineering: 4.8 miles

Mandarin Oriental, Miami

500 Brickell Key Dr.

Miami, FL 33131

Phone: (305) 913-8288

Web: www.mandarinoriental.com/miami/brickell-key

Check-in: 3:00PM

Check-out: 12:00PM

Valet Parking available

Distance from Gables Engineering: 5.8 miles

IW Marriott Miami

1109 Brickell Avenue

Miami, FL 33133

(305) 329-3500

Website: www.marriott.com

Check-in: 4:00pm

Check-out: 12:00pm

Valet Parking fee: \$42.00 USD daily

Distance from Gables Engineering: 5.0 miles