

**Welcome to the CAAFI® Biennial General
Meeting & ASCENT Symposium
December 4-6, 2018
Washington Marriott at Metro Center,
Washington, DC**



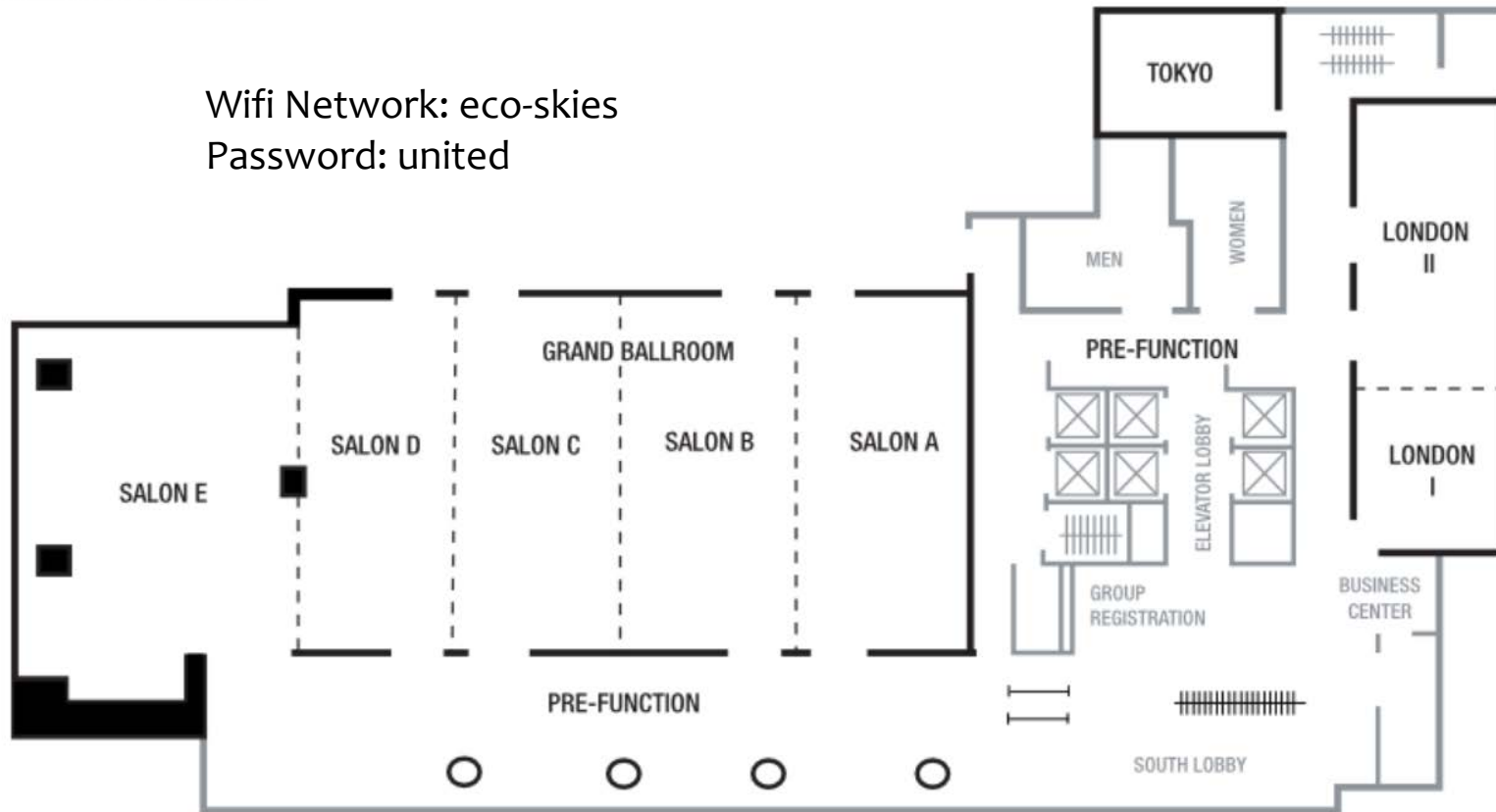
Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAFl2018

Logistics

BALLROOM LEVEL

Wifi Network: eco-skies
Password: united



@cafiaviation

#CAAFI2018

Welcome & Introductions

Information Pack walkthrough

- * **Welcome Letter**
- * **Sponsor's List**
- * **Agenda**
- * **Attendee Contact List**
- * **CAAFI Brochure**
- * **2019 Priorities Questionnaire**
- * **Restaurant List**
- * **Misc**

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * Attendee Contact List
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * Restaurant List
- * Misc



Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * **Sponsor's List**
- * Agenda
- * Attendee Contact List
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * Restaurant List
- * Misc



Thanks To Our Core Organizational Sponsors!



Airlines for America™
We Connect the World



Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAIFI2018

Welcome to the
**CAAFI® Biennial General Meeting &
ASCENT Symposium**
Sponsored by:

Champion Level Sponsors:



Airlines for America™
We Connect the World



Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAFI2018

Welcome to the
**CAAFI® Biennial General Meeting &
ASCENT Symposium**
Sponsored by:

Advocate Level Sponsors:



Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAFI2018

Welcome to the
**CAAFI® Biennial General Meeting &
ASCENT Symposium**
Sponsored by:

Ally Level Sponsors:



AIRBUS

jetBlue®



NESTE

Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAFI2018

Welcome to the
**CAAFI® Biennial General Meeting &
ASCENT Symposium**
Sponsored by:

Supporter Level Sponsors:



General Aviation
Manufacturers Association

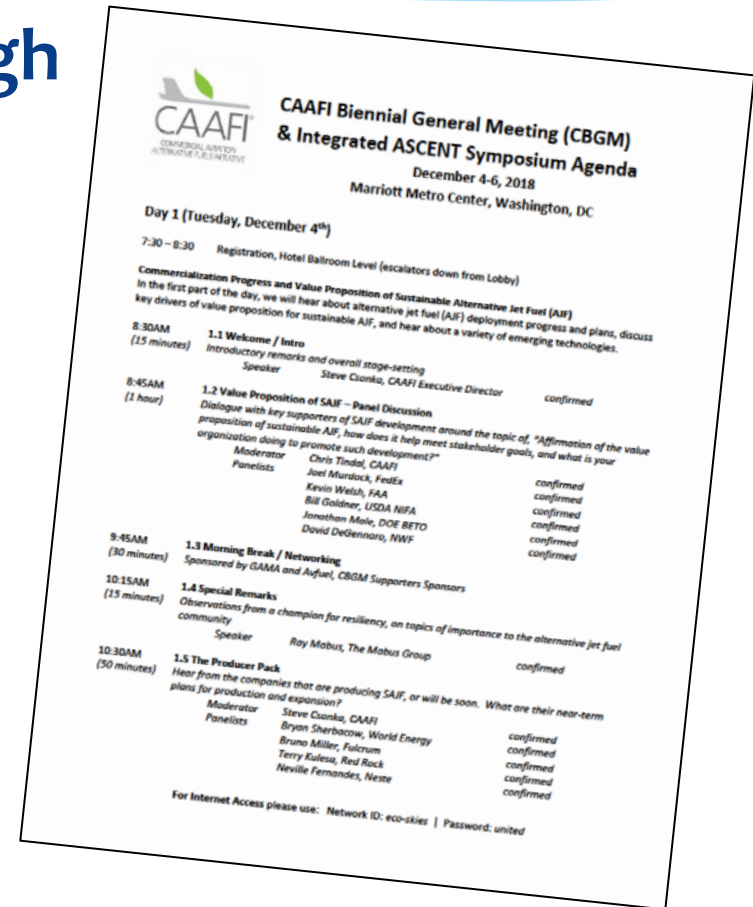
Wifi Network: eco-skies
Password: united

@caafiaviation
#CAAFI2018

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * **Agenda**
- * Attendee Contact List
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * Restaurant List
- * Misc



Welcome & Introductions

Information Pack walkthrough

* Welcome Letter

* Sponsor's

* **Agenda**

* Attendee

* CAAFI Bro

* 2019 Prior

* Restaurant

* Misc

Tuesday	AM	Commercialization Progress
	PM	Enabling Deployment
Wednesday	AM	Enabling Deployment – ASCENT Analysis
	PM	ASCENT Spotlight, Qualification
Thursday	AM	Emissions Research & Tools
	PM	Global Engagement
Friday	AM	UK-ASCENT research collaboration discussion. Not a CAAFI activity but being planned in close cooperation. Meeting space provided by A4A.

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * **Attendee Contact List**
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * Restaurant List
- * Misc

2018 CAAFI BOM Attendee Contacts List

Last Name	First Name	Company	Email Address	Work Phone
Abdhan	Zia	National Renewable Energy Laboratory	zia.abdhan@nrel.gov	720-630-3406
Ahmed	Aysha	Department for transport (UK)	aysha.ahmed@dt.gov.uk	00447977437127
Adrian	Richard	CAAFI	richad@caafi.com	860-559-8681
Anden	Guthan	GE Aviation	guthan.anden@ge.com	1-613-266-6386
Andersen	Jim	Honeywell UOP	Jim.Andersen@honeywell.com	5473913075
Anderson	Bruce	Langley Research Center	bruce.anderson@nasa.gov	7578646650
Andreas	William	USDA/NARS	will.andreas@usda.gov	225-366-3170
Andriani	Niroula	USA BioEnergy	niroula.andriani@bioenergy.gov	6029096677
Antonicham	Sarav	The University of North Carolina at Chapel Hill	sarav@unc.edu	919-966-2126
Bartuszek	Daniel	Shell Energy	daniel.bartuszek@shell.com	871-767-8740
Baillroy	Joanna	Shell Global Solutions (UK)	joanna.baillroy@shell.com	+442075343488
Bocoe	Todd	Pratt & Whitney	todd.bocoe@pw.utc.com	860-651-1367
Bogdan	Sara	JEBlue	sara.bogdan@jeblue.com	347-580-2798
Brown	Nate	FAA	nathan.brown@faa.gov	202-261-4744
Campbell	Todd	Clean Economy Works LLC	todd.campbell@ceworks.com	7129000264
Carter	Mitchell	Knowledge Transfer Network	mitchell.carter@ktn-uk.org	+44 7825272712
Clark	Alisdair	Air BP	alisdair.clark@bp.com	+441483812999
Clark	Med	Comcast Consulting Services	med@comcast.org	8607486612
Clark	Erin	San Francisco International Airport	erin.clark@sfo.gov	(860) 821-4066
Clayton	Marianne	Alaska Airlines	marianne.clayton@alaskaair.com	932-760-6097
Cook	Steve	CAAFI	steve.cook@caafi.com	5138007900
Cook	John	The Jacobson Group	john.cook@jacobson.com	2036107221
Davidson	John	British Consulate-General, San Francisco	john.davidson@britain.gov.uk	4157209652
Edwards	Ian	SPS	ian.edwards@sp.com	415-656-1084
Ellis	Karen	Sapogen Bioenergy Hub	karen.ellis@sapogen.com	+44 (0) 1970 423002
Engel	Durton	FrontX Express	durton.engel@frontx.com	(206) 787-4854
Eber	Chames	University of Tennessee	chames.eber@utk.edu	901-434-8466
Evans	CJ	Gulfstream	cj.evans@gulfstream.com	8609743716
Fernandes	Neville	American Unvented Energy Co	neville.fernandes@unec.com	9124290624
Feld	John	Colorado State University	john.feld@colorado.edu	202-750-0307
Forn	Melanie	John L. Friesel Associates	melanie.forn@jlfriesel.com	7177489752
Foster	Lara	Penn State	laraf@psu.edu	+610781843041
Frews	Robert	USA BioEnergy	rob@usa-bioenergy.com	8148654456
Gaffney	Michael	Washington State University Extension	michael.gaffney@wsu.edu	3038848603
Gallie Speranza	Lise	Dalton Technologies UK	lgallie@dalton.ac.uk	509-335-4611
German	Citacohn	E4tech (UK) Ltd	citacohn.german@e4tech.com	+4407930690331
Ghazal	Frederic	Waterfall Group	frederic.ghazal@waterfall.com	02030006140
				7706636075

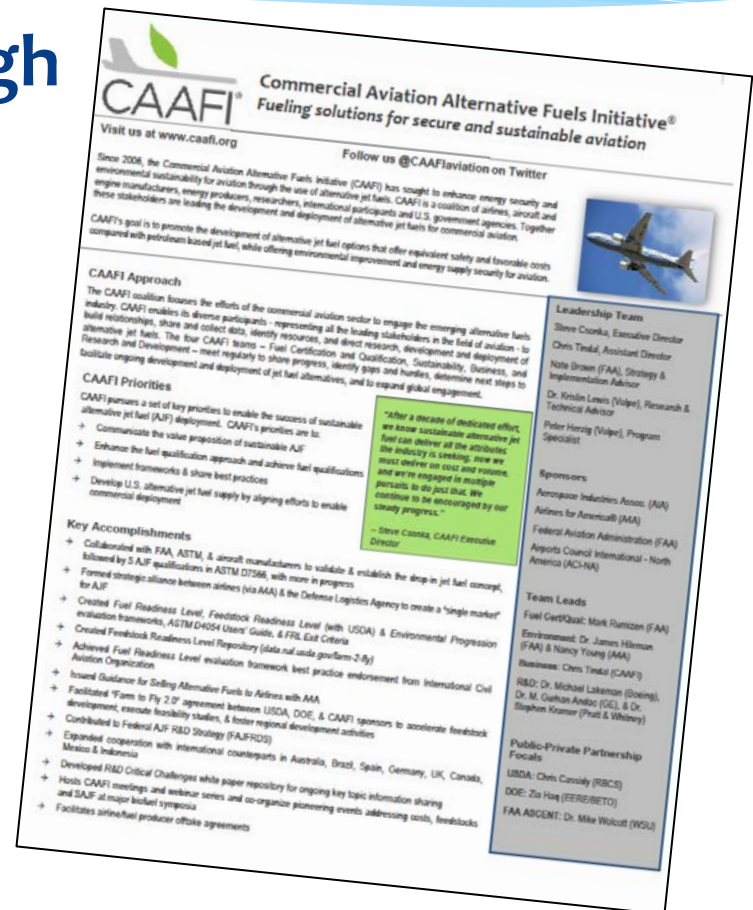
Find speaker bio's at:

http://caafi.org/files/2018_CBGM_Bios.pdf

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * Attendee Contact List
- * **CAAFI Brochure**
- * 2019 Priorities Questionnaire
- * Restaurant List
- * Misc



The best source of CAAFI information can be found at: www.caafi.org

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * Attendee Contact List
- * CAAFI Brochure
- * **2019 Priorities Questionnaire**
- * Restaurant List
- * Misc

Help us focus CAAFI efforts in 2019-2020!

At the end of each year, the CAAFI Leadership team goes through a process for determining prioritization for the coming year. In January, we release a description of that plan. We base this on feedback from the CAAFI steering group and membership, informal feedback from the industry and partners, as well as our observations about the marketplace.

You will find a list of priority efforts we are currently considering below. Please review and provide your assessment of the value of these, by ranking these items from 1-13, with 1 being the highest priority.

Note that we have included our four priorities from 2018. If you believe they are still top priorities, let us know. However, if you have ideas for other priorities, or want us to focus on new needs please let us know that as well.

In your view how should CAAFI prioritize the following (forced ranking of 1 – 13, with write-ins allowed):

Existing 2018 Priorities:

- Communicate the Value Proposition of SAIF - communicate the economic, social, and environmental benefits of SAIF to the federal government, non-governmental organizations, private sector and public to broaden the base of stakeholders supporting SAIF.
- Enhance the Fuel Qualification Approach - enable a broadly supported, streamlined certification/qualification program and a more durable, higher capacity process to handle the significant queue of potential SAIF candidates.
- Implement Frameworks & Share Best Practices – provide tools to evaluate the readiness of feedstocks and fuels and their potential economic, social and environmental benefits and share best practices (e.g. SOAP-Jet seminars; a library of feedstock readiness level (FSRL) evaluations and analytical and modeling tools from ASCENT, Volpe, and others).
- Develop the U.S. SAIF Supply by Aligning Efforts to Enable Commercial Deployment – support project development under Farm to Fly 2.0, leverage the capabilities of the Aviation Sustainability Center (ASCENT), foster producer-buyer engagement that leads to offtake agreements, support USDA-funded supply chain efforts, and build upon the Federal Alternative Jet Fuels R&D Strategy.

New Concepts under consideration for 2019:

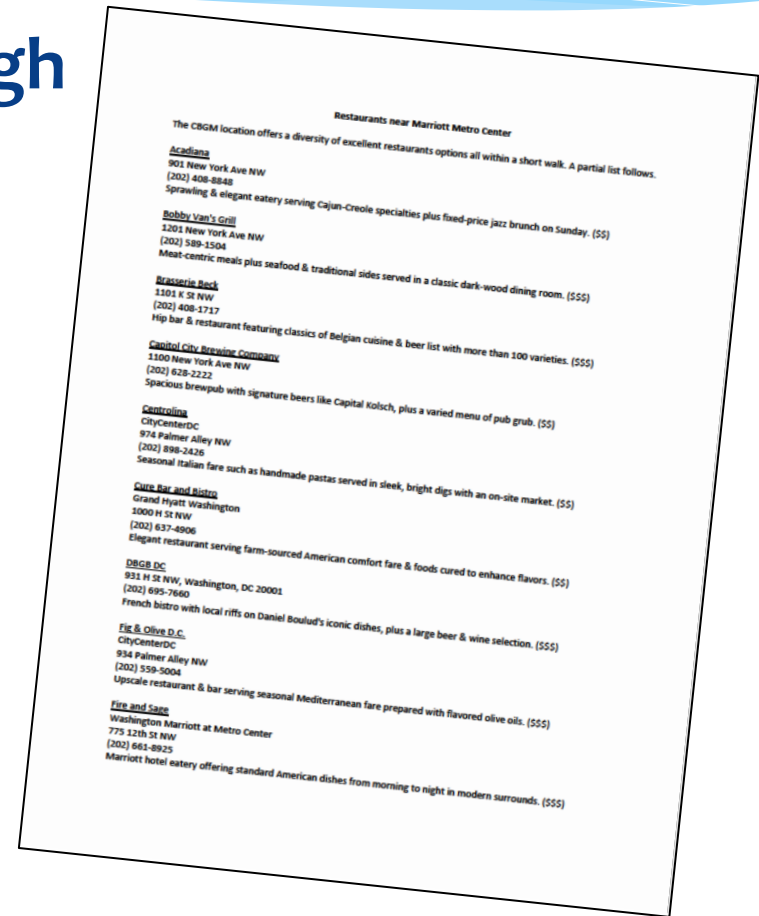
- Develop new approaches for partnering with Federal Agencies (e.g. a follow on to the Farm to Fly (F2F) program which expires at the end of 2018; Federal AIF R&D Strategy; National Jet Fuel Combustion Program (NIFCP))

1

Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * Attendee Contact List
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * **Restaurant List**
- * Misc



Welcome & Introductions

Information Pack walkthrough

- * Welcome Letter
- * Sponsor's List
- * Agenda
- * Attendee Contact List
- * CAAFI Brochure
- * 2019 Priorities Questionnaire
- * Restaurant List
- * **Misc**

Anti-Trust Statement

The Commercial Aviation Alternative Fuels Initiative (CAAFI) is a volunteer coalition of airlines, aircraft and engine manufacturers, airports, energy producers, researchers, international participants and U.S. government agencies that focuses the efforts of the commercial aviation sector to engage the emerging alternative fuels industry. CAAFI's goal is to promote the development of alternative jet fuel options that offer equivalent safety and favorable costs compared with petroleum-based jet fuel, while offering environmental improvement and energy supply security for aviation. CAAFI is technology-, feedstock- and company-neutral in its work.

Although not itself a company, CAAFI conducts its work and meetings in compliance with antitrust laws, which flow from the basic principle that groups of companies cannot act together to use their economic power to limit or otherwise harm competition. This means that what can be done individually by a firm or entity could be unlawful if done collectively by a group of firms or entities. Something that may seem to make "good business sense" when done by an individual company can injure competition when done collectively or in coordination by a group of companies and, therefore, may be prohibited under the antitrust laws. This is especially so when the collective or coordinated action involves competitors. Violation of the antitrust laws does not require a formal or written agreement among companies.

Violation of the antitrust laws can result in civil or criminal penalties, or both. These penalties can be severe and can be imposed on companies or individuals, or both. Taking into account these antitrust law considerations, CAAFI does not discuss, reach agreements or exchange information about such subjects as:

- * Price- or service-related terms. For example, CAAFI does not discuss or exchange information about pricing information not otherwise in the public domain and does not take, promote, support or discuss a position on pricing of fuels, feedstocks or fuel services or terms for fuels, feedstocks or fuel services.
- * Division or allocation of markets or customers. For example, CAAFI does not discuss or exchange information with respect to limiting the geographic availability of fuels, feedstocks or services or products, dividing up the territory in which fuels, feedstocks, services or products will be provided, or dividing up customers.
- * Boycotts or blacklists. For example, CAAFI does not discuss or exchange information with respect to limiting or refusing to do business with a business or customer, group of businesses or customers or category of businesses or customers, or a supplier, group of suppliers or category of suppliers
- * Agreeing on which suppliers to use. For example, CAAFI does not discuss or exchange information regarding which suppliers to use or otherwise specify which suppliers to use.

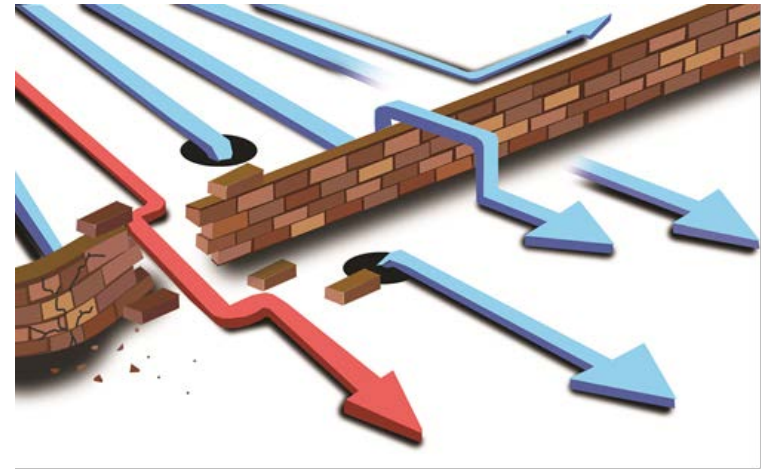
If a CAAFI participant becomes uncomfortable about discussing or acting on an issue because s/he believes that it is competitively sensitive, the CAAFI participant should immediately say so and seek the advice of legal counsel before further discussing or acting on it. If so alerted, the lead of the CAAFI discussion, matter or event should, taking these Guidelines into account, consider steering the discussion away from the area of concern or seeking legal counsel before proceeding on the issue.



Summary

Welcome, and thanks for coming

- * Our agenda is reflective of the industry advancing to maturity
- * We're trying hard to have our activities be increasingly material to your needs.
- * Enjoy, learn, and make the most of the opportunity



**Conquering Barriers
Together!
CAAFI, ASCENT, and
you.**