

Society for the Advancement of Material and Process Engineering

March Event: Aviation Partners Boeing

Advanced Material Technologies for Winglets - Why do we need it?

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Speaker: Andrew Graham, Director of Engineering

Andrew Graham is the Director of Engineering since 2008 for Aviation Partners Boeing (APB), a joint venture between Aviation Partners Inc and The Boeing Company.

APB Blended winglets have saved over 3 billion gallons of fuel to date. These high tech aerodynamic devices reduce drag by improving the wing's efficiency. However, the winglet weight has a compounding affect reducing the potential fuel economy. Mr. Graham will review APB's use of composites in the winglet structure and discuss opportunities for future winglets.

When: Tuesday, March 27, 2012

5PM: Social Hour

6PM: Dinner

7PM: Speaker Presentation

Where: Galliano's Cucina (near SeaTac Airport)

16435 Military Rd S

Seatac, WA 98188

Free Parking!

RSVP to: newsletters@sampeseattle.org

Price: With RSVP: \$10 members, \$5 students & retirees, \$20 nonmembers

Without RSVP: Add \$5 to appropriate price.

Announcements

Please read on for Announcements and Calendar items on the next page!

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Website Address:

Check us out and keep up to date at

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Questions about the website? - Please contact

webmaster@sampeseattle.org.

Board Business E-mail Distribution List:

If you would like to be on the "Board & Others" distribution that is used to inform people of Board meetings and conduct other board business, please send an email with subject "SAMPE Board Distribution" to [Arlene Brown](mailto:Arlene.Brown).

Email Us: You can email the Board at

seattlesampe@hotmail.com

Job Postings:

If you have a job posting, please send it to [Bob Yancey](mailto:Bob.Yancey) for posting on the website.

Mark Your Calendars

Mar. 27, 2012 Chapter Meeting: Andrew Graham from Aviation Partners Boeing

Apr. 23, 2012 Chapter Meeting: Student Night
Please note that this is a Monday, not our normal Tuesday!

May 21 – 24, 2012 SAMPE 2012 Conference in Baltimore, MD (For more info visit:
<http://www.sampe.org/events/2012BaltimoreMD.aspx>)