

2013 January Event: SAMPE Seattle Chapter Monthly Meeting

“Innovative Ideas in Aerospace Structural Design and Manufacturing”

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Speaker: Dr. Agnes Blom, The Boeing Company

Dr. Agnes Blom works in the Product Development, Advanced Structures Technology department of Boeing Commercial Airplanes. Her main area of expertise is advanced composites. She has experience in the design, analysis, optimization, fiber placement and testing of fiber-steered composites. In addition she is interested in the use of thermoplastic composites for application in primary aircraft structures. Previous to joining Boeing Agnes worked in the R&D department of Fokker Aerostructures. Agnes is a member of the technical advisory board of the TPRC (ThermoPlastic composite Research Center) - a research center with multiple industry and academic partners. She holds a Bsc, MSc and PhD in Aerospace Engineering from Delft University of Technology in the Netherlands.

Design and structural engineers in aerospace face challenges in three main areas: structural weight, cost and production rate. This presentation will discuss a number of innovative technologies that address one or more of these challenges.

When: Tuesday, January 22, 2013

5:00~6:00PM: Social Hour

6:00~7:00PM: Dinner

7:00~8:00PM: Speaker Presentation

Where: Galliano's Cucina Restaurant
16435 Military Road South
SeaTac, WA 98188

RSVP to: newsletters@sampeseattle.org

Price: With RSVP: \$10 members, \$5 students & Retirees
\$15 nonmembers

Without RSVP: Add \$5 to appropriate price

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Mark Your Calendars for Upcoming Events:

• Jan 19, 2013 - YEPPS Young Professionals Winter Networking Event

This is the 5th Annual Multi-Engineering Society event for YEPPS (Young Engineering Professionals of Puget Sound), which SAMPE was a charter member of. This year's event will again be an unlimited food and drink event at the Pyramid Brewery, and will feature 8 or more speakers from across different engineering and technology disciplines who will give 5 minute shorts on "Engineering Solutions for Societal Problem". Look for the details: <http://pugetsound.aiche.org/YEPPS>

• Feb 26, 2013 - Puget Sound Materials Expo 2013

The annual Puget Sound Materials Expo (PSME) will be on Feb. 26 2013 at the Museum of Flight near Boeing Field in south Seattle. Most Seattle SAMPE Chapter Sponsorship levels offer the benefit of having a display/table-top booth at the PSME (in addition to other benefits). The sponsorship forms for 2013 (www.sampeseattle.org) have now been emailed out. If you think your company did not receive the sponsorship letter/form, please contact Erinann Corrigan at e.corrigan@tencate.com; also please look at our website: http://www.sampeseattle.org/docs/SAMPE_SeattleSponsorForm2013.pdf

PSME Expo will feature a keynote speech from the Dow Chemical Company, discussing the current trends of industrial composites; specific market motivation, risks and barriers that prevent its proliferation and Dow's strategy to attack these inhibitors. The talk will also review Dow's history in matrix resin systems, some recent launches in applications like wind, pipes etc. as a segue to describing more recent & upcoming activities around fiber, material processing and part design capabilities. The more details will be in next issue of Newsletter.

For Ski Enthusiast

As a member of SAMPE, you and family members will enjoy a corporate discount at two popular ski resorts:

- Stevens Pass Mountain Resort

Online corporate discount PNW and Season Pass

<https://store.stevenspass.com/Store/Portal/1016089243>; please email: Groupreservations@stevenspass.com; or cole.barrett@stevenspass.com

SAMPE

Presented by the Seattle Professional Chapter

Society for the Advancement of Material and Process Engineering

January, 2013
Newsletter

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- Crystal Mountain Resort:

Go to <https://www.tixforskicrystal.com/e-commerce/grplogin.aspx>

Group name: C-SAMPE

Password: 047design

For more info email: bjohnson@skicrystal.com;

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). Or you can email the Board at seattlesampe@hotmail.com

About Newsletter:

Please send any comments, questions or concerns about the newsletter to newsletters@sampeseattle.org

Website Address:

Check us out and keep up to date at www.sampeseattle.org.
Questions about the website? - Please contact webmaster@sampeseattle.org.

Sponsorship and Job Postings:

If you would like to become chapter sponsor to promote your company or have a job posting, please contact to [Bob Yancey](mailto:Bob.Yancey)