

Society for the Advancement of Material and Process Engineering

2012 September Event: SAMPE Chapter Dinner Meeting

“Aircraft Seating Design, Analysis and Optimization”

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Speaker: Dr. Robert Yancey – Senior Director, Global Aerospace, Altair Engineering

Dr. Robert Yancey has filled numerous roles in his 25 year career including research, technology development, sales, management, business development, and executive roles. He has a technical background in composite materials, design optimization, finite element modeling, and nondestructive evaluation. He holds a B.S. degree in Aeronautics and Astronautics from MIT, an M.S. degree in Engineering Mechanics from Virginia Tech, and a Ph.D. in Materials Engineering from the University of Dayton.

Aircraft seating design carries several requirements for performance under impact loading which can occur from high turbulence or a hard landing. The design, analysis, and optimization methods for aircraft seating will be reviewed with a few case studies. This will show the current state of the art in seat design and some of the developments that are improving performance while reducing weight.

When: Tuesday, September 25, 2012

5:00~6:00PM: Social Hour

6:00~7:00PM: Dinner

7:00~8:00PM: Speaker Presentation

Where: Calliano's Cucina Restaurant

16435 Military Road South

SeaTac, WA 98188

RSVP to: newsletters@sampeseattle.org

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

Without RSVP: Add \$5 to appropriate price

Announcements

Please read on for Announcements on the next page!

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SAMPE Seattle Chapter 2012-2013 New Officers

Chair	Jacob Grob - Boeing
1 st Vice Chair	Joel Payne - Toho Tenax America
2 nd Vice Chair	Erica Carter - Boeing
Treasurer	Shanying Zeng - Boeing
Secretary	Jiang (John) Zhu - Boeing
Director, Immediate Past Chair	Robert Yancey -Altair
Director	Anthony Nguyen - Boeing
Director	Jacob Grob - Boeing
Representative to PSEC	Kay Blohowiak - Boeing

Note: The 4th Chapter Director (for a special two-year term) is open for nomination. If you have any interested parties please reply to Chapter Chair [Jacob Grob](#) and the Nomination Committee Chair [Karl Nelson](#)

About Newsletter:

Please send any comments, questions or concerns about the newsletter to newsletters@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); Or email the Board at seattlesampe@hotmail.com

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](#)

Mark Your Calendars for Upcoming Events

Sept. 25-26, 2012 ["High Performance Composites for Aircraft Interiors"](#) conference will be held at Washington State Convention Center, Seattle; Co-located with Aircraft Interior Expo America.

Oct. 13, 2012 Puget Sound Engineering Council (PSEC) [Annual Inter-Society Officer's Workshop](#) at Kenmore Library

Oct. 22-25, 2012 [SAMPE Tech 2012](#) will be held at the Charleston Convention Center in North Charleston, SC.

Feb. 26, 2013 Annual Puget Sound Materials Expo 2013 reserved at Museum of Flight. Start registration to [Jacob Grob](#).