

Carbon Nanotubes Paper Manufacturing and Composite Application Development

Speakers: Jessica Ravine

Buckeye Composites



Carbon nanotubes (CNTs) have been shown to offer impressive thermal, electrical and other property enhancements for composite materials; however incorporating into manufacturing processes often introduces challenges and limitations. To strategically increase CNT loading in target areas such as the surface of the composite or between plies, Buckeye Composites has developed an intermediary paper-like product with the CNTs, a format easily handled by composite manufacturers that can be strategically placed within a laminate or structure to engineer performance. By decoupling the nanotube and paper production, Buckeye can incorporate a variety of raw material constituents from any supplier, lending almost endless flexibility for formulation optimization for various applications. Thickness and areal weight can also be tailored.

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When: Tuesday, October 25th, 2011

Social Hour: 5PM

Dinner: 6PM

Speaker: 7PM

Where: Galliano's Cucina (near SeaTac Airport)

16435 Military Rd S

Seatac, WA 98188

Free Parking!

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

Please RSVP newsletters@sampeseattle.org

Publication & Sponsorship Information:

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

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Announcements

Puget Sound Engineering Council (PSEC) is an organization comprised of the local chapters of national or international engineering and scientific societies in the Puget Sound area. SAMPE is a member of PSEC and as a member of SAMPE you are invited to PSEC events listed below:

Seattle University/SPU Mentor Night – Seattle University will be the host this year with the event being held on Oct 25th. There will be a panel and tables with food.

Seattle Central Community College – Mentor night is scheduled for early January. We need a representative volunteer for this mentor night.

For more info on PSEC events, please contact [Kay Blohowiak](#)

SAMPE Tech October 17-20,2011. SAMPE Conference will be held in Fort Worth, TX. Bob Yancey will be attending the Board meetings.

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 [Bob Yancey](#).

Email Us: You can email the Board at seattlesampe@hotmail.com

Job Postings:

If you have a job posting, please send it to [Alla Ahmed](#) posting on the website.

Mark Your Calendars

- **Dec 6th, 2011** December's meeting will be held at the Pyramid Brewery, with Raymond Wong as the guest speaker. Raymond is with Henkel's R&D Division.
- **Feb 28th, 2012** Annual Puget Sound Materials Expo (PSME) at the Museum of Flight

Interested in becoming involved with SAMPE?

We are always looking for people to provide new ideas and the presence to make them happen. For more information on getting involved, please contact [Jacob Grob](#).