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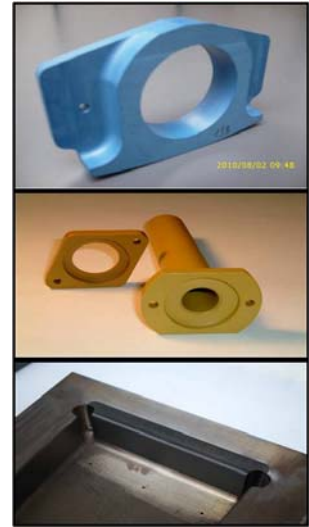
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## Engineering Plastic Materials for the Aerospace Market

**Speaker:** Richard Hilblom, Quadrant Engineering Plastic Products

Considerable amount of time is spent by the engineering community in selecting the right material for a particular application only to discover that the material is not available for low volume applications. This presentation will discuss recent developments in advanced engineering thermoplastic materials, what is available in standard mill shapes for machining, effects of processing on properties, and the proper way to specify these materials. Materials to be presented can be used in a wide range of environmental and temperature extremes, are inherently corrosion resistant, and have high strength to weight ratios. They are used in a variety of aerospace and defense applications to replace various metals for weight and cost reduction.



**When:** Tuesday, October 26, 2010

Social Hour: 5:00PM

Dinner: 6:00PM

Speaker: After Dinner

**Where:** Galliano's Cucina

16435 Military Rd S, Seatac, WA 98188 (near SeaTac Airport) Free Parking

**Directions:** From WA-99 just south of Hwy. 518, turn East on S 160th which turns into Military Rd. Galliano's is on the right, just beyond Safeway. Note: there is another Galliano's in Tukwila on Interurban Ave so don't go there.

**Price:** \$10 members/students/retirees with RSVP

\$25 non-member with RSVP

Please RSVP to [seattlesampe@hotmail.com](mailto:seattlesampe@hotmail.com) by noon on the Friday before the event. Non-RSVP attendees will be charged an extra \$5 at the door.

## Announcements

**Website Address:** Check us out and keep up to date at [www.sampeseattle.org](http://www.sampeseattle.org).

**Email Us:** You can email the Board at [seattlesampe@hotmail.com](mailto:seattlesampe@hotmail.com)

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## 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.

## Publication & Sponsorship Information:

Please send any comments, questions or concerns about the newsletter to Joel Payne at [seattlesampe@hotmail.com](mailto:seattlesampe@hotmail.com).

## Job Postings:

If you have a job posting, please send it to Bob Yancey for posting on the website.

## Mentors for Aviation High School:

Aviation High School is an aviation themed college prep school currently located in Des Moines (soon to be closer to Boeing Field) with a focus on science, technology, engineering and math. The high school is looking for mentors who can spare about an hour per month to share their own career experiences and guide young people in their pursuit of such technical fields. Please visit [www.aviationhs.org](http://www.aviationhs.org) for more information and to download an application.

## Mark Your Calendars

*Oct 11-14, 2010* SAMPE Fall Technical Conference, Salt Lake City, UT at the Salt Palace Convention Center

*Oct 26, 2010* Chapter Meeting at Galliano's Cucina - Richard Hilblom, Quadrant Engineering Plastic Products

*Dec 16, 2010* Chapter Meeting at Pyramid Brewery - Eric Cregger, Boeing

*Feb 22, 2011* SAMPE Puget Sound Materials Expo (PSME) at the Museum of Flight - Carbon Fiber High-Speed Hydroplane Boats:

Come see the only carbon-fiber hydroplane boats in existence today and learn from a leading engineer who has been involved for over 20 years in the designing of boats that win races and set new records.