

Society for the Advancement of Materials and Process Engineering
High Desert Chapter is proud to present



High Desert SAMPE Technical Symposium

September 30, 2015

7:30 am— Registration

4:30 pm— Wrap-up

Antelope Valley Fairgrounds

Lancaster, CA

Featuring:

12 Technical Presentations
50 Material Supplier Exhibitors

Entrance and lunch are free of charge

Pre-register online at:

www.highdesertsampe.org

Roger Fountain
Ashok Shah
Jeff Smith
Kevin Hirschbuehler
Hank Marchionni
Gregory Yandek
Shaw Lee
Jaime Ballester
Eric Howard
Ben Santos
Felix Villalobos

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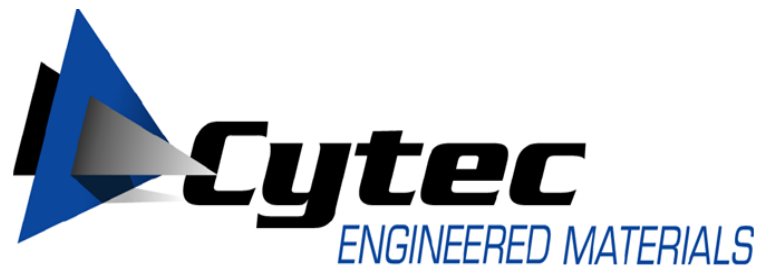
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Lunch sponsored by



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Technical Presentations

0800-0900 **Keynote Speaker:** John Kardos Professor of Chemical Engineering (Emeritus),
Department of Chemical Engineering, Washington University:
Critical Issues in Achieving Desirable Mechanical Properties for Discontinuous Fiber Reinforced
Composites: Some Myths and Historical Reflections.

Sessions (1/2 Hr. each; 9:00 am to 12:00 pm and 1:00 pm to 4:00 pm)

- 0900-0930 Dr. Andrew J. Guenther, Senior Chemical Engineer, Air Force Research Laboratory:
Terminating The "Terminal Group" Fallacy in Composite Resins
- 0930-1000 Dr. Benjamin G. Harvey, Research Chemist, Naval Air Warfare Center, Weapons Divi-
sion: High Temperature Thermosetting Resins from Sustainable Feedstocks
- 1000-1030 David Dunaj, Naval Air Warfare Center Weapons Division: Composites Laboratory
NAWCWD China Lake
- 1030-1100 Thomas Rosengren, MATECH: Ultra High Temperature Ready C/ZrOC-CMC for Hyper-
sonics — Alternate Presentation to be announced.
- 1100-1130 Jason Lamb, ERC, Inc.: Non-Toxic Multifunctional Silsesquioxane Diamine Monomer
for Aerospace Polyimides
- 1130-1200 Steve Slaughter, M&P Engineer, Scaled Composites: Inflatable Pressure Intensifier for
Lower Cost Large Component Out-of-Autoclave Composite Processing
- 1200-1300 Lunch
- 1300-1330 Vince Bailey, NONA Composites, LLC: The High Temperature Solution to No Oven -
No Autoclave Composite Parts and Tooling
- 1330-1400 Mark Dirks, Dupont: Novel Polyimides
- 1400-1430 David Dahl, Applications Engineer, Stratasys: Additive Manufacturing of Composite
Tooling using FDM
- 1430-1500 David Leach, Henkel Aerospace: Improving the Value of Aerospace Composites Struc-
tures
- 1500-1530 Dr. Brian Allen, Chief Staff Metallurgist, Dynamic Systems, Inc.: The Total Combined
Thermal (High-Temperature), Physical Material (20 Ton Force) Simulation Test System
For Aerospace, Defense and Other Heavy Metal Developers
- 1530-1600 Brian Flaherty and John Kefeyan, Parker Hannifin Corporation: Specialty Materials
and Fabricating Technology for RF & EMI Shielding Applications

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Conference Exhibitors

Parker Hannifin | www.parkerhannifin.com

TenCate Advanced Composites USA, Inc. | www.tencate.com

Cytec Engineered Materials | www.cytec.com

Cytec Process Materials | www.cytec.com/businesses/industrial-materials/process-materials

Hexcel Corporation | www.hexcel.com

PPG Industries | www.PPG.com

Airtech International | www.airtechonline.com

NuSil Silicone Technology | www.nusil.com

The Gill Corporation | www.thegillcorp.com

Krayden | www.krayden.com

Element Materials Technologies | www.element.com

Composite Fabrications | www.compositfabrications.com

ITW Polymers Sealants | www.itwsealants.com

State Seal Company | www.state seal.com

Sigmatex | www.sigmatex.com

SurfX Technologies | www.surfxttechnologies.com

Marktec Inc. | www.marktek-inc.com

Composites Specialists | www.compositesspecialists.com

Technical Fiber Products | www.tfpglobal.com

Surface Prep Solutions | www.surfaceprepsolutions.com

S&H Rubber | www.shrubber.com

Paragon D & E | www.paragonde.com

Roncelli Plastics | www.roncelli.com

Dupont Electronic Technologies | www.dupont.com/industries/electronics.html

Aerospace Engineering Corp | www.aerospaceengineeringcorp.com

Applied Composites | www.appliedcomposites.net

MATECH | www.matechsm.com

3M | www.mmm.com

Miller Stephenson | www.miller-stephenson.com

DIAB Group | www.diabgroup.com

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Conference Exhibitors

California State Univ. Long Beach— Lancaster University Center | ccpe.csulb.edu

Coastal Enterprises | www.precisionboard.com

Nitto Denko | www.nitto.com

Park Electrochemical | www.parkelectro.com

BGF Industries | www.bgf.com

AASC | www.aasc.com

Euro-Composites | www.euro-composites.com

Composites Horizons | www.chi-covina.com

Henkel | www.henkel.com

Jeco | www.jecoplastics.com

MISTRAS | www.mistras.com

Composite Engineering | www.compositeeng.com

BriskHeat | www.briskheat.com

VMS Aircraft | www.vmsaircraft.com

Composites One | www.compositesone.com

Revchem Composites | www.revchem.com

Lydall | www.lydall.com

Wurdack | www.wurdack.com

AT Industrial Products | www.atindustrialproducts.com

JPS Composite Materials | www.jpsglass.com

Conductive Composites | www.conductivecomposites.com

Dynamic Systems, Inc | www.gleeble.com

TA Instruments | www.tainstruments.com

Tiodize | www.tiodize.com

LEDA Corporation | www.ledacorp.com

Axiom Materials | www.axiommaterials.com

Central Plastics & Manufacturing | www.centplasticmfg.com

Hi-Performance Products, Inc. | www.hi-performanceproducts.com

NONA Composites, LLC | www.nonacomposites.com

Alpha STAR Corporation | www.alphastarcorp.com

GECO Incorporated | www.gecoinc.com

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Directions to the Antelope Valley Fairgrounds from CA State Route 14:

From the 14 North Freeway: (from LA)

Take Exit 45 (Ave H) Use the middle lane to Turn Left to West Ave. H

Turn right at the first traffic light onto 23rd St W.

Within a few hundred feet, you will see two big red buildings to your left.

Pull left into Gate 1 and park in front of Hunter Pavilion which is the right (and larger) one of the two buildings when you face them.



The complex block contains two main visual elements. At the top is a banner with the text "ANTELOPE VALLEY FAIRGROUNDS" in large, bold, red letters against a blue sky background with a red and white striped building in the foreground. Below the banner is a Google Map showing the location of "AV Fair valley fairgrounds - carnival" at the intersection of West Avenue H and 23rd St W. The map includes a search bar with "AV Fair" and "2551 West Avenue H", a 4.2 star rating, and 12 reviews. To the right of the map, the address and contact information for Antelope Valley Fairgrounds is listed in red text.

Antelope Valley Fairgrounds
Street and Mailing Address:
2551 West Avenue H, Suite 102
Lancaster, CA 93536
Main Phone: (661) 948-6060
Fax: (661) 942-2135

**Antelope Valley Fairgrounds
2551 West Avenue H
Hunter Pavilion
Lancaster, CA 93536**