

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



# High Desert SAMPE Technical Symposium

October 4, 2017

8:00 am – 4:30 pm

Antelope Valley Fairgrounds

Hunter Pavilion

Lancaster, CA

Featuring:

**9 Technical Presentations**

**75 Material Supplier Exhibitors**

Pre-register online at: [www.highdesertsampe.org](http://www.highdesertsampe.org)

*Entrance Fee and Lunch are Sponsored by:*





# High Desert SAMPE Technical Symposium

## Technical Presentations

**Sessions (40 min. each; 9:00 am to 12:00 pm and 1:00 pm to 4:30 pm)**

- 0900-0940 Eric Ehlers, Canyon Composites: *Creative Thinking Presentation*
- 0940-1020 Dr. Peter Zarras, Senior Research Chemist, Naval Air Warfare Center Weapons Division: *Synthesis and Properties of Innovative Poly(ether ether ketone) Derivatized with n-Alkyl Groups*
- 1020-1100 Billy Wood, Program Manager, Braided Fabrics, A&P Technology: *A Comparative Evaluation of Quasi-Isotropic Laminates Composed of Either Braided Triaxial Fabric or Woven Fabric, Including Impact and Laminate Performance*
- 1100-1140 Dr. Zachary N. Wing, Advanced Ceramics Manufacturing: *Removable Tooling Solutions for Manufacturing Trapped Composite Geometries*
- 1200-1300 Lunch
- 1300-1340 Dr. Brian Edgecombe, Sr. Director, Materials R&D, Materia, Inc.: *Leveraging High-Toughness, Low Viscosity Resin in Composite Pressure Vessels*
- 1340-1420 Keith McConnell, President, Century Designs, Inc.: *On Demand Prepreg*
- 1420-1500 Dr. Chet Moon, Director, Technical Service, Toray CMA: *Toray's Role in the Evolution of Carbon Fiber*
- 1500-1540 Jonathan A. Weldon, RF Applications Engineer, DuPont Electronic Materials: *Kapton® Novel Polyimides: Capability Beyond Insulation*
- 1540-1620 Rick Hilblom, Application Development Manager, Quadrant EPP USA, Inc.: *The Effects of Processing on Thermoplastics*

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## Conference Exhibitors

**3M | [www.mmm.com](http://www.mmm.com)**

**Parker Hannifin Corporation | [www.parkerhannifin.com](http://www.parkerhannifin.com)**

**TenCate Advanced Composites USA, Inc. | [www.tencate.com](http://www.tencate.com)**

**Solvay | [www.solvay.com](http://www.solvay.com)**

**Composite Horizons, LLC | [www.chi-covina.com](http://www.chi-covina.com)**

**DuPont | [www.dupont.com](http://www.dupont.com)**

**Roncelli Plastics | [www.roncelli.com](http://www.roncelli.com)**

**Henkel Corporation | [www.henkel-adhesives.com/aerospace](http://www.henkel-adhesives.com/aerospace)**

**Euro-Composites Corporation | [www.euro-composites.com](http://www.euro-composites.com)**

**Coastal Enterprises, Inc. | [www.precisionboard.com](http://www.precisionboard.com)**

**Mistras Group, Inc. | [www.mistrasgroup.com](http://www.mistrasgroup.com)**

**Flack Tek, Inc. | [www.speedmixer.com](http://www.speedmixer.com)**

**Momentive Performance Materials | [www.momentive.com](http://www.momentive.com)**

**Maverix Solutions, Inc. | [www.mavcoatmoldrelease.com](http://www.mavcoatmoldrelease.com)**

**JPS Composite Materials | [www.jpsglass.com](http://www.jpsglass.com)**

**Bally Ribbon Mills | [www.ballyribbon.com](http://www.ballyribbon.com)**

**Thermal Product Solutions | [www.tenney.com](http://www.tenney.com)**

**General Plastics | [www.generalplastics.com](http://www.generalplastics.com)**

**Hitec Products, Inc. | [www.hitecprod.com](http://www.hitecprod.com)**

**Fralock | [www.fralock.com](http://www.fralock.com)**

**Technical Fibre Products | [www.tfpglobal.com](http://www.tfpglobal.com)**

**RevChem Composites | [www.revchem.com](http://www.revchem.com)**

**Jaro Corporation | [www.jarocorp.com](http://www.jarocorp.com)**

**Element Materials Technologies | [www.element.com](http://www.element.com)**

**Hexcel Corporation | [www.hexcel.com](http://www.hexcel.com)**

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**Krayden | [www.krayden.com](http://www.krayden.com)**

**The Gill Corporation | [www.thegillcorp.com](http://www.thegillcorp.com)**

**Quatro Composites | [www.quatrocomposites.com](http://www.quatrocomposites.com)**

**Advanced Ceramics Manufacturing | [www.acmtucson.com](http://www.acmtucson.com)**

**Tiodize | [www.tiodize.com](http://www.tiodize.com)**

**Surfx Technologies | [www.surfxtechnologies.com](http://www.surfxtechnologies.com)**

**Surface Preparation Solutions | [www.surfaceprepsolutions.com](http://www.surfaceprepsolutions.com)**

**Airtech International | [www.airtechonline.com](http://www.airtechonline.com)**

**Composites One | [www.compositesone.com](http://www.compositesone.com)**

**Axiom Materials | [www.axiommaterials.com](http://www.axiommaterials.com)**

**TA Instruments | [www.tainstruments.com](http://www.tainstruments.com)**

**Evonik Corporation | [corporate.evonik.com](http://corporate.evonik.com)**

**General Nano | [www.veelotech.com](http://www.veelotech.com)**

**Argon Masking | [www.argonusa.com](http://www.argonusa.com)**

**A&P Technology | [www.braider.com](http://www.braider.com)**

**Applied Aerospace Structures Corporation | [www.aascworld.com](http://www.aascworld.com)**

**Moog, Inc. | [www.moog.com](http://www.moog.com)**

**Mission Critical Composites | [www.missioncriticalcomposites.com](http://www.missioncriticalcomposites.com)**

**Antelope Valley College | [www.avc.edu](http://www.avc.edu)**

**TCR Composites | [www.tcrcomposites.com](http://www.tcrcomposites.com)**

**Century Design Inc. | [www.centurydesign.com](http://www.centurydesign.com)**

**Spintech | [www.spintechllc.com](http://www.spintechllc.com)**

**Vector Ply Corporation | [www.vectorply.com](http://www.vectorply.com)**

**ACT Aerospace | [www.actaero.com](http://www.actaero.com)**

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**CMS North America, Inc. | [www.cmsna.com](http://www.cmsna.com)**

**Boedeker Plastics, Inc. | [www.boedeker.com](http://www.boedeker.com)**

**State Seal Company | [www.state seal.com](http://www.state seal.com)**

**HBM | [www.hbm.com](http://www.hbm.com)**

**Toho Tenax America, Inc. | [www.tohotenax.com](http://www.tohotenax.com)**

**Quadrant Engineering Plastic Products | [www.quadrantplastics.com](http://www.quadrantplastics.com)**

**Sigmatex | [www.sigmatex.com](http://www.sigmatex.com)**

**Diab | [www.diabgroup.com](http://www.diabgroup.com)**

**BTG Labs | [www.btglabs.com](http://www.btglabs.com)**

**Seal Science, Inc. | [www.sealscience.com](http://www.sealscience.com)**

**Materia, Inc. | [www.materia-inc.com](http://www.materia-inc.com)**

**Buellton Advanced Materials | [www.lockheedmartin.com/us/aeronautics/BAM.html](http://www.lockheedmartin.com/us/aeronautics/BAM.html)**

**DCX-CHOL Enterprises | [www.dcxchol.com](http://www.dcxchol.com)**

**Sumitomo Bakelite Co., North America | [www.sbna-inc.com](http://www.sbna-inc.com)**

**Advanced Manufacturing Partnership for Southern California | [www.ced.usc.edu](http://www.ced.usc.edu)**

**ITW Polymer Sealants North America | [www.itwsealants.com](http://www.itwsealants.com)**

**A T Industrial Products | [www.atindustrialproducts.com](http://www.atindustrialproducts.com)**

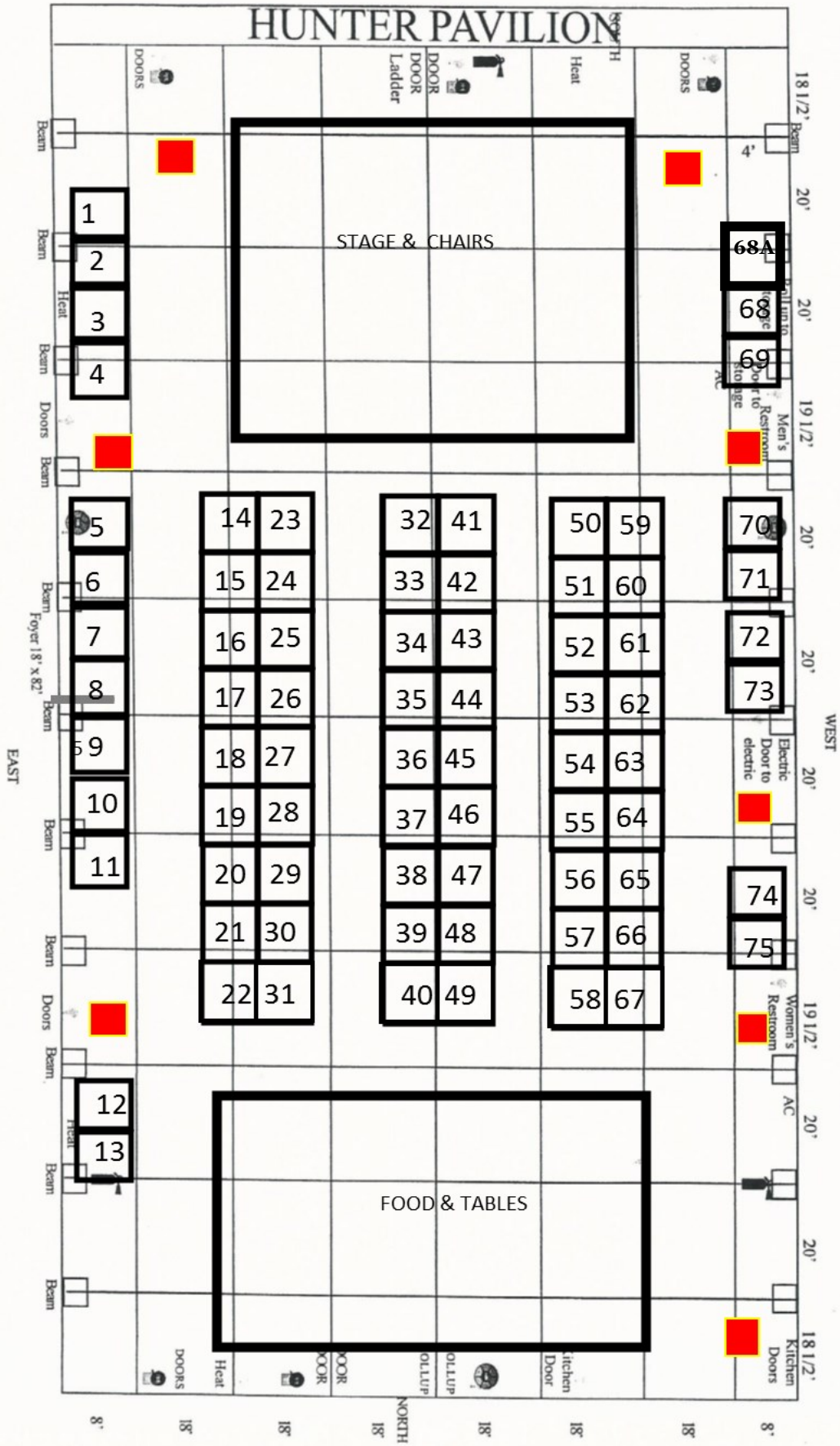
**Kinetic Analytics | [www.kineticanalytics.com](http://www.kineticanalytics.com)**

**Advanced Composite Materials, Inc. | [www.a-c-m.com](http://www.a-c-m.com)**

**Hyosung Carbon Fibers | <http://tansome.hyosung.com>**

**Thermal Wave Imaging | [www.thermalwave.com](http://www.thermalwave.com)**

# Exhibition Hall Layout





# Exhibitor List

Booth Number	Company
1	Hyosung Carbon Fibers
2	Advanced Composite Materials, Inc.
3	3M
4	Parker Hannifin Corporation
5	Solvay
6	Solvay
7	Composites Horizons, LLC
8	DuPont
9	Buellton Advanced Materials
10	Roncelli Plastics
11	Henkel Corporation
12	Euro-Composites Corporation
13	Coastal Enterprises , Inc.
14	RevChem Composites
15	Element Materials Technology
16	Technical Fibre Products
17	Sigmatex
18	Fralock
19	Jaro Corporation
20	Mistras Group, Inc.
21	Flack Tek, Inc.
22	Momentive Performance Materials
23	Hexcel Corporation
24	Maverix Solutions, Inc.
25	Bally Ribbon Mills

Booth Number	Company
26	Thermal Product Solutions
27	General Plastics
28	Hitec Products, Inc.
29	Kane Aerospace
30	JPS Composite Materials
31	Toray CMA
32	Quatro Composites
33	Tiodize
34	Advanced Ceramics Manufacturing
35	Surfx Technologies
36	Moog, Inc.
37	Evonik Corporation
38	DCX-CHOL Enterprises
39	General Nano
40	Argon Masking
41	TenCate Advanced Composites USA, Inc.
42	A&P Technology
43	Applied Aerospace Structures Corporation
44	Sumitomo Bakelite Co., North America
45	Mission Critical Composites
46	Antelope Valley College
47	Surface Preparation Solutions
48	TCR Composites
49	The Gill Corporation
50	Airtech International

Booth Number	Company
51	Century Design Inc.
52	Spintech
53	Vector Ply Corporation
54	Advanced Manufacturing Partnership for Southern California
55	Composites One
56	ACT Aerospace
57	Diab
58	BTG Labs
59	Seal Science, Inc.
60	Krayden
61	Materia, Inc.
62	Transfx
63	CMS North America, Inc.
64	Kinetic Analytics
65	Boedeker Plastics, Inc.
66	State Seal Company
67	ITW Polymer Sealants North America
68	A T Industrial Products
68A	Thermal Wave Imaging
69	Axiom Materials
70	TA Instruments
71	HBM
72	PPG Aerospace
73	PPG Aerospace
74	Toho Tenax America, Inc.
75	Quadrant Engineering Plastic Products



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