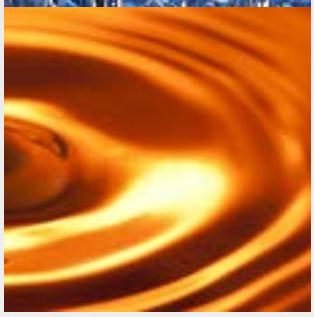
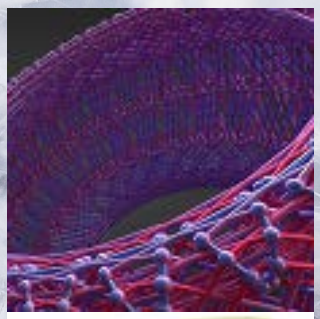
SPE®
THERMOSET

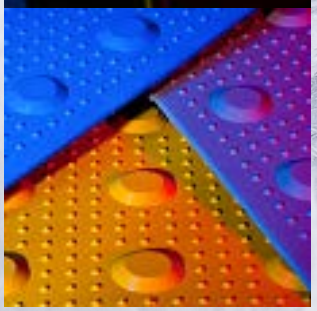
Q3 2017



THERMO SETTINGS

YOUR SOURCE FOR THERMOSET TECHNOLOGY AND EVENTS





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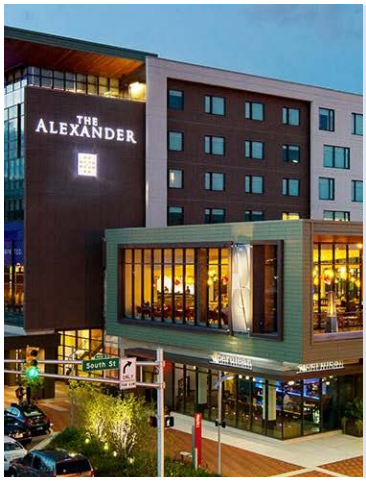
LETTER FROM THE CHAIR

Invitation to February 20-21, 2018 Annual Thermoset Conference in Indianapolis, IN (February)



The unique and centrally located Alexander Hotel is the selected venue for the 2018 Thermoset TOPCON.

Dear Thermoset Division Membership-

It is my sincere hope that you are enjoying the summer months. I certainly am! Although there is plenty of summer weather left to be had, we have reached the month of August and it is time for many of us to begin the process of planning for 2018. As you begin to sketch your blueprint for next year, the Thermoset Division Board of Directors would like to remind you that our 2018 Topical Conference will be held February 20-21st at the uniquely eclectic Alexander Hotel in the happening heart of Indianapolis, IN.

The Division is now accepting topical abstracts, industry sponsorships, table top exhibitors and attendee registrations.

Please join us for an informative and enjoyable two day technical event!

Sincerely Yours,

Len Nunnery,

Len Nunnery,
SPE Thermoset Division Chair

CALL FOR PAPERS

The SPE Thermoset Division is accepting papers for the 2018 annual Thermoset Conference. Please email len@lennunnery.com for consideration.

INDIANAPOLIS, INDIANA
THE ALEXANDER HOTEL
FEB. 20-21, 2018

THERMOSET TOPCON

spethermosets.org

SOCIETY OF PLASTICS ENGINEERS

TECHNICAL CONFERENCE

SPE THERMOSET

The Society of Plastics Engineers (SPE) Thermoset Division will host the Thermoset Topical Conference (TOPCON) at the Alexander in Indianapolis February 20-21, 2018. This event will connect all members of the composites supply chain; from additives and chemicals, to resin and reinforcement suppliers, compounders, processors and OEMs. Experts from the industry will deliver updates regarding advancements in both 'virtual' and 'actual' thermoset processing techniques. The technical conference will run multiple speaker tracks showcasing over 30 new methodologies, material developments and applications. Trends in composites and raw material demand will be discussed, as well as global demand in newly emerging markets, which areas within the U.S. are 'hot spots' for composites, and incentives for companies looking to expand their footprint.

Sponsor supported reception will provide educational and network opportunities. Exhibit spaces and sponsorship opportunities are available. **Papers are being accepted until September 30, 2017.** **For consideration or further information please contact len@lennunnery.com or visit spethermosets.org. Phone. 630.247.6733**

INDUSTRY NEWS

PRC Composites LLC Acquires Globe Plastics, Inc.

PRC Composites LLC has acquired Globe Plastics Inc. in a composites market deal between the two California-based companies.

Financial terms were not disclosed in the deal, which is the first acquisition for Ontario-based PRC. In a recent news release, PRC President Gene Gregory said the acquisition of Chino-based Globe brings new and complementary capabilities to his firm.

The acquisition "will increase demand for our molding compounds and allow us to expand our customer base in new markets such as oil/gas, lighting and high-tech products," he said, adding that the deal "diversifies PRC's sales and expands our platform for future growth."

"We are fortunate to acquire such an outstanding company and group of dedicated employees, especially with its close proximity to PRC," Gregory said. The two facilities are only about six miles apart.

Globe specializes in compression, transfer and injection molding as well as custom mold, insert and tool making services. The firm has been providing precision compression molded products and services to aerospace, sound, lighting, oil/gas and high-tech customers since 1957.

Globe's capabilities include small to medium sized molding equipment from 1 to 500 tons. The company employs 20 at a 12,000-square-foot facility in Chino and will continue to operate at this location, officials added.

Last year, Globe was honored by the U.S. Navy and by aerospace and defense supplier Lockheed Martin for its work with the Navy's Fleet Ballistic Missile program. Globe has supplied Lockheed Martin with thruster pad components for almost 40 years.

PRC is a privately held, minority-owned business that employs more than 100 at a 100,000-square-foot facility. Its primary markets include aerospace, defense, transportation, safety and infrastructure. PRC's capabilities include producing custom bulk and sheet molding compounds with a variety of different resins, fibers and additives.

PRC's manufacturing processes include compression, open, hand lay-up, vacuum bag and vacuum infusion molding to produce composite parts such as high value content transportation containers, utility vault covers, food service trays and detectable warning panels.

PRC is a recognized Silver Supplier to Boeing and qualifies for the Indian Incentive Program working with prime Department of Defense contractors.

INDUSTRY NEWS from Mar-Bal, Inc

First parts have been produced at Mar-Bal's new manufacturing facility in Painesville, OH

- Scott Balogh, President, Mar-Bal, Inc. (left) shown with an employee at the Painesville facility

The Ohio Manufacturing Association (OMA) board of directors recently elected Scott Balogh, President & CEO, Mar-Bal, Inc., of Chagrin Falls to lead the organization for a two-year term.

To accurately represent Ohio's manufacturers' interests, the OMA board is comprised of 30 senior level executives and owners of small, medium and large Ohio manufacturing firms from across Ohio's diverse geography and from a wide variety of manufacturing industries. OMA directors, including the leadership positions, are all volunteers.

Mar-Bal, Inc welcomed Rick Faulk as a Product Manager for their materials division. Rick will be instrumental in building the compounding operation and enhancing the depth and breadth of Mar-Bal's product line. Rick's unique background in BMC compounding and molding will be an asset in the development of the new BMC plant and Operation Renaissance. Prior to joining Mar-Bal Rick was with A Schulman and Schulman and BMCI as a Manager of New Business Development and Sales Executive. He began his career with Rodgers Engineering in West Chicago, IL., and has over 30 years in the BMC / SMC industry.

Rick Faulk

Yet another addition to Mar-Bal, Inc's commercial team; Anthony Lignetta as Manager, New Business Development. In this newly created position, Tony will be responsible for identifying opportunities in new markets and with new customers in an effort to secure new and profitable business. Tony has over 20 years of sales and management experience in the thermoset composites industry, working for Molded Fiber Glass Companies (MFG) and Haysite Reinforced Plastics, where, since 2006 he served as the Director of Sales. Tony received a B.A. in Management from Hiram College and then earned his MBA in Systems Management from Lake Erie College. For further information, visit mar-bal.com

Anthony Lignetta

INDUSTRY NEWS

Hummingbird - The World's Lightest Folding Bike

The world's lightest folding bike went into production this July in Banbury. Engineered by Prodrive, Hummingbird weighs just 6.9 kg and has a simple three-step folding system that allows the bike to be folded in just five seconds.

The lightweight carbon frame is made by Prodrive Composites in Milton Keynes and is available in four colours with each frame being individually numbered. The Carbon Edition features a beautiful visual carbon frame with the carbon herringbone weave pattern clearly visible through the lacquer.

The bike's frame went through stringent testing using the latest computer engineering software in its design phase. Prodrive rigorously stress-tested the bike under all applications, ensuring the whole bike easily passed ISO standards at its first attempt.

The bike is available as a single speed and four speed version. For full details and to order the bike visit: www.hummingbirdbike.com.

Petre Craciun, Hummingbird designer, said, "Since buying my first BMX bike at the age of 14, I've become more and more obsessed with the idea of going everywhere freely. It was this desire to remove the restraints of other more cumbersome folding bikes that sparked the idea to design a transportable option. Hummingbird's functionality, coupled with its eye-catching design, makes it the stand-out product for the sophisticated commuter."

David Richards, chairman of Prodrive, said: "Hummingbird combines all the key attributes of technical excellence that Prodrive stands for. But this is just the beginning. As with all the projects we work on with our clients in the motorsport, automotive, marine and aerospace sectors, we will be constantly striving to find new ways to innovate for the cycling industry."

For all media enquiries and to access imagery, please contact:

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UTAH'S ADVANCED MATERIALS AND MANUFACTURING INITIATIVE

The Utah Advanced Materials Manufacturing Initiative (UAMMI) announced today that it has entered into a Memorandum of Understanding (MOU) with the Institute for Advanced Composites Manufacturing Innovation, IACMI, a Manufacturing USA institute which works to support advanced composite technology and grow capital investment and manufacturing jobs in the U.S. composites market.

UAMMI is a Utah-based consortium of industry, academic and training institutions, and government agencies that advance research and innovation in advanced composites and materials manufacturing. Utah has a thriving Advanced Materials industry that serves the Aerospace, Outdoor Products and Energy industries. By partnering global leaders in the industry, UAMMI will bring many unique resources to IACMI, including more encompassing work with global aerospace supply chains, partnership with Utah academic institutions, as well as the state's Federal designation as a leading manufacturing community. Advanced materials include composites such as carbon and glass fibers, ceramics and polymers that are made using advanced manufacturing techniques including 3D printing, filament winding, automated fiber placement, and automated tape laying. Utah has more than 50 years of history in the development and advancement of these materials and has a worldwide reputation as one of the leaders in this industry of the future.For more information about UAMMI, please visit www.UAMMI.org

CALL FOR PAPERS !

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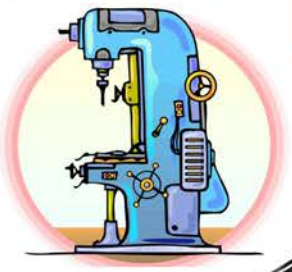

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