



## February eNews from Milwaukee SPE

### SPE Milwaukee Section and Midland Plastics team up to help UW Milwaukee on a research project

The Materials Science Engineering Department at UWM reached out to Milwaukee SPE for sourcing information of Polypropylene sheet and welding rod for a research project they were conducting. The project involved determining weld failure for a manufacturer of water tanks experiencing leakage at the welding joints. With the necessary materials, students could investigate the influence of various weld parameters through data collection, testing, and analysis with the goal of identifying an ideal combination of weld settings to use in their manufacturing of water tanks.

A big **thank you** to **Midland Plastics** in New Berlin, WI., for the generous donation of plastic sheets and welding rod to UW Milwaukee!

#### About Midland Plastics:



[Midland Plastics, Inc.](#) is a privately held distributor of plastic stock shapes and a plastic custom component manufacturer celebrating over 60 years in business. They serve a wide cross-section of industrial and marine markets.

They are one of the oldest, and largest, plastic suppliers in the Midwest. Founded in 1945 as a distributor of stock plastic shapes, they have expanded into custom manufacturing and fabrication. In the 1960's, Midland added vacuum forming to their production capabilities and have expanded that division to include pressure-forming. In addition to the headquarters in

New Berlin, WI, a Milwaukee suburb, they have branch [locations](#) in Green Bay, Madison and Wausau, WI.; Rockford, IL.; Davenport (Quad Cities), and Des Moines, IA.

## Highlights from the Amalga Composites Event

The tour event at [Amalga Composites](#) on February 21 was well received and over 35 people attended. Jack DeLuca, President of Amalga Composites, gave a very informative presentation on filament winding and compression molding. This included detailed product applications and an understanding of material selection using carbon, fiberglass or in combination.

Thank you to Jack and his team for hosting this fine event!



## - Upcoming Events & Reminders -

**Chicago SPE - Mold Tech Tour - A1 Tool Corporation, Wed, March 8th, 2017.**  
See Events on our website or click here to [Contact](#) or register for this event.

**Midwest Composite Technologies in Hartland Tuesday, March 21, 2017.**  
Register on our website under Upcoming Events

**REMINDER that the Deadline for Wonders in Plastics Essay competition is Feb. 28th**  
For more information visit: <http://milwaukeeespe.org/education/wonders-of-plastics-essay/>

Are you ready for game changing technology? Attend **The Conformal Cooling Conference - May 16th and 17th.**  
Visit: [www.ConformalCoolingConference.com](http://www.ConformalCoolingConference.com) or [info@conformalcoolingconference.com](mailto:info@conformalcoolingconference.com)

### Education Night is Tuesday, April 18, 2017

Guest speaker is Rebecca Kleefisch, Wisconsin's 44th lieutenant governor. Since January 2011, she has been Wisconsin's Jobs Ambassador, a champion for worker training, and a leader for creative solutions to our state's toughest challenges.

Rebecca wants our state's success to embrace all our citizens, especially those who must overcome barriers to prosperity. So she chairs the Governor's Task Force on Minority Unemployment, works on the issues of homelessness and offender reentry,

and advocates for returning veterans and people with disabilities looking to join the workforce.



## 2017 Golf Outing



The BEST SPE Golf outing in the US will run again at the River Club Mequon on Monday, July 10th, 2017! Details are just around the corner.

**The next SPE Milwaukee Board Meeting will be on Tuesday, March 14 at 5:30pm.  
Location: Western Racquet Club, 1800 Highland Dr., Elm Grove WI 53122**

Anyone is welcome to attend whether you are a SPE member or non member.

**Join Milwaukee SPE and Grow with Us!**

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