

NWPA SPE

Monthly Meeting

THURSDAY SEPTEMBER 15, 2016

Quaker Steak and Lube, Peach Street, Erie PA

5.30pm Social

6.00pm Dinner

Speaker to follow

\$18 SPE member/\$20 non-member

Speaker: Annie Gohn, Penn State University

Annie started her journey as an undergraduate student in the Behrend plastics engineering technology department. During her undergraduate schooling, she was our SPE student chapter president. After her graduation, she took a position as a graduate research student at Behrend. She obtained her Master's in Manufacturing Management at Behrend while working in our research lab. The focus of her research throughout her master's work was scoping commercial material properties for metal to plastic conversion in aerospace applications. She also has been working to develop novel thermoplastic composites for high-temperature aerospace applications. She is currently employed as a Research Associate for the Behrend School of Engineering and is now enrolled at the University of Martin Luther in Germany for her PhD.

Topic: Polymer Crystallization Related to Melt Processing Methods

Annie's presentation will discuss an update of the research capabilities of Penn State Behrend's Plastics Engineering Technology department. She will also go into detail on her work with studying polymer crystallinity. The plastic manufacturing processes have a direct impact on the way crystals are formed, which can be correlated to a difference in mechanical and physical properties. By better understanding the crystallization of polymers, we can work to better predict warpage and mechanical behavior.

Menu: Wings and Things Buffet, sodapop.

RSVP: www.nwpaspe.org or vial email to lad115@psu.edu

We hope to see you there!