

# NWPA SPE

## Monthly Meeting

**THURSDAY JANUARY 21, 2016**

**Quaker Steak and Lube, Peach St. Erie PA**

**5.30pm Social                      6.00pm Dinner                      Speaker to follow**  
**\$18 SPE member/\$20 non-member**

**Speaker: John P. Beaumont, Beaumont, Inc.**

John Beaumont is the President of *Beaumont Technologies* and the *American Injection Molding Institute*. He has authored several books on Injection Molding and is a 2015 inductee to the Plastics Hall of Fame. John is also a former professor and chair of the Plastics Engineering Technology Program at Penn State Behrend. His earlier industrial credits include positions as Technical Manager for Moldflow's US operations and Engineering Manager for Ciba Vision Corp. He was the founder and director of the Plastics CAE Center at Penn State Behrend, past Chair of the Injection Molding Division's Board of Directors and is currently a member of the Plastics Pioneers and is an SPE Fellow.

**Topic: Therma-flo™ Defining the Injection Moldability Characteristics of Plastic Materials**

John's presentation reveals the first method for mapping the actual injection molding characteristics of a polymer melt. This goes beyond the materials data sheet and can tell you far more about a polymers behavior than the material supplier. The novel multi-variant approach captures the complex interactions between plastic materials, process and mold/part design. The new method bridges the gap between commonly used isothermal extrusion based test methods (MFI & rheometers) and injection molding simulation. The data can be used for material selection, process optimization, plastic part design and to accelerate new polymer and polymer compound development.

**Menu: Wings selection, tacos, macaroni & cheese, soda.**

***We hope to see you there!***