ATI is one of the largest and most diversified specialty metals producers in the world. They lead in the production of nickel-based and cobalt-based super-alloys, titanium-based alloys, and specialty steels. These materials have exceptional wear resistance, corrosion resistance, heat resistance, and toughness. ATI offers a wide range of specialty metals solutions to markets and customers located throughout the world including, aerospace and defense, oil and gas/chemical process industry, electrical energy, medical, automotive, food equipment and appliance, and construction and mining.

The ATI Specialty Materials Facility located in Lockport, NY was built in 1910 as Simonds Saw and Steel. The facility was purchased by Allegheny Ludlum in 1984 and after the merger with Teledyne in 1997 became part of ATI-Allvac. Recently the name was changed to ATI-Specialty Materials. The Lockport plant operates “state of the art” melting facilities which includes one - 10 ton vacuum induction furnace (VIM) able to melt the largest known VIM slabs at 8” X 50”. This furnace is capable of melting 25 million lbs annually. The re-melt shop operates 4 – vacuum arc re-melt furnaces (VAR) and 6 – electro slag re-melt furnaces (ESR). The ESR shop is capable of melting both round and slab electrodes and is considered “the slab center of excellence” within ATI. These re-melt furnaces have a combined capacity of 50 million lbs annually.

The facility also has 4- homogenization furnaces, a band-saw and a grinder. ATI - Lockport routinely melts 75 different alloys, serving the bar, billet and flat-roll segments of the business.

Come tour this facility and see the VIM, ESR, VAR, heat treat, cutting and grinding operations, as well as the modern Laboratory facilities located at 695 Ohio Street Lockport, NY 14094.

**Tour begins promptly at 4 pm. No One will be allowed in gates after 3:50 pm**

**SAFETY:** Appropriate foot wear required….no sandals, flip-flops or open toe shoes. If you have steel toe shoes/boots please wear them. Hard hats and safety glasses will be provided. No Cameras Allowed.

**Dinner to Follow:**

**Location:** The Shamus Restaurant,
98 West Avenue,
Lockport, NY

**Time:** Immediately after tour

**Cost:**
- Members & Guests $25
- Students $10

When making reservations please state tour or tour and dinner

**Reservations:** Lee Gearhart, lgearhart@moog.com, 716-687-4475

Please make reservations by September 15, 2014
Chapter Update

Welcome back to another exiting year with ASM – Buffalo. We will kick of the season with a tour of ATI- Specialty Materials Plant in Lockport, NY. Built in 1910 as Simonds Saw and Steel, this facility has undergone many changes over the years. Come see this modern melt facility.

Our final event of the 2013-14 season was a tour of the Diamond Saw Works in Chaffee, NY. The tour was certainly worth the trip to the South towns. Diamond Saw Works is the manufacturer of the Sterling family of world class saw blades. They produce blades for virtually every sawing application encountered by industry. We were able to see every stage of manufacturing and hear about how many of the processes were developed in-house. With all the foreign competition it was truly refreshing to see a manufacturer of saw blades thriving in the US.

Diamond Saw Works has been manufacturing saw blades in the USA for well over 100 years. They developed many of the most copied innovations within the industry, such as the varied pitch concept for metal cutting operations, the first friction cutting band saw blade, the first portable band saw blade, the first competitively priced line of plated reciprocating and saber blades for the truly tough cutting applications. Diamond saw blades are built to reduce costs and increase productivity. Diamond is constantly researching and developing new products and manufacturing methods to maintain their competitive position in the sawing industry.

We hope you find the 2014-15 meetings and tours interesting.

Please let us know if you are interested in becoming a Chapter Officer or Director. Volunteers are welcome.

Tom Herdlein - Chair

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www.nsm-ny.com
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Robert Shabala, President bob@nsm-ny.com
Timothy Gelnert, Vice President tim@nsm-ny.com
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2014 – 2015 PROGRAM
Below are the upcoming meetings tentatively planned for the upcoming program year.

September 16, 2014:
Plant Tour: ATI Specialty Metals

October 2014: TBA

November 2014:
Vendor’s Night- Talk: Refractory Metals – Britt Konczyk from HC Starck

December 2014: TBA

January 2015: TBA

February 2015: TBA

March 2015: TSC Joint Meeting

April 2015: Student Night

May 2015: Golf Outing

If you have an idea for a meeting or event please contact a Buffalo Chapter Officer or Director. All ideas are welcome!!!