Hello Members

The sixth and the last Technical Meeting of the season was held at Meson Madrid in Palisades Park and shared with families and friends. This was also Awards night when contributors to the growth of the Chapter were recognized. The Harry E. Lunt Award, our Chapter’s highest honor for distinguished service, was presented to Dr. Richard F. Lynch.

The next term’s executive members were elected. Mr. Barry N. Greene will be the Chairman for the term 2013-2014. He will be supported by Dr. Nikhil Gupta as Vice Chairman, Ms. Kim Benson-worth as Secretary, and Mr. Victor Megerman as Treasurer. For a complete list of the current executive members please see page 5 in the Chapter Bulletin.

The Plant visit for 2013 will be to Orgo-Thermit®, Inc. works on May 21, 2013 to witness the thermit welding technique. More info appears on page two.

The new term will start in July, 2013. I wish to thank the 2012-2013 Executive Committee for their diligent work this past successful year and look forward to next year with great expectation.

Satish Punj, Chair,
ASM Int’l Metro NY-NJ Chapter
The Metro NY-NJ Chapter thanks these companies for their ongoing support:

- Alcoa Howmet
- Belmont Metals
- Bolt Tech Mannings
- Central Wire Industries
- Copper Development Association
- Columbia University
- Excel Technologies, Inc.
- ExxonMobil Research & Eng.
- G. Cotter Enterprises
- Instru-Met
- Ironbound Heat Treating
- Div. of Metal Improvement Co.
- McWilliams Forge Co.
- Praxair Electronics
- Temperature Processing Co.

The 778th Meeting
May 21, 2013
(Tuesday)

Program: 6:00 pm Plant Visit

Please register in advance by email

Cost: Members & Guests: Free

Students: Free

To Register: Please email Dan Pattanayak: dpattanayak@affiliatedinc.net or Satish Punj: punjsatish@yahoo.com

Plant Visit
Orgo-Thermit®, Inc.

3500 Colonial Drive North, Manchester, NJ 08759

The Plant visit for 2013 will be to Orgo-Thermit®, Inc. works on May 21, 2013 to witness the thermit welding technique. A description of the process is found below.

The Chapter is grateful to the management of Orgo-Thermit®, Inc. for the tour and to Dr. Dan Pattanayak who once again has arranged the tour.

The tour will start at 6.00 PM. Please pre-register by email to help us organize the event.

Thermit welding is an effective, highly mobile, method of joining heavy section steel structures such as rails. Essentially a casting process, the high heat input and metallurgical properties of the Thermit steel make the process ideal for welding high strength, high hardness steels such as those used for modern railway rails.

Dr. Hans Goldschmidt was granted a German Patent in March 1895, for a "process to manufacture metals and alloys" based upon the reduction of heavy metal oxides by a more reactive metal such as aluminum. Orgo-Thermit®, Inc. is a member of The GOLDSCHMIDT-THERMIT-GROUP and has been a world leader in Thermit® welding since 1895.

Visit the website at: www.orgothermit.com
Call for Papers

Metallurgical and Materials Transactions E
Materials for Energy Systems
Principal Editor: David Laughlin, Carnegie Mellon University

Metallurgical and Materials Transactions E is launching a new quarterly journal on energy materials and is accepting papers for publication in 2014. Materials for Energy Systems will publish peer-reviewed, original research and review articles focused on the science of materials applied to or being investigated to address unique aspects of current and emerging energy technologies, to include: Battery - Biomass - Fuel Cell - Geothermal - Hydrocarbons - Hydrogen storage - Nuclear - Solar cell - Supercapacitor - Thermal conversion - Thermochemistry - Thermoelectricity - Wind - Other energy systems that may emerge.

Coverage may include a variety of areas of materials research, including larger materials issues with applications to energy. Division of content may be considered according to the following categories:

- Power generation
- Energy storage
- Energy efficiency
- Waste to energy

Those interested in contributing as an author or reviewer to Metallurgical and Materials Transactions E: Materials for Energy Systems should contact the editorial office at 412-268-2694 or email: mettrans@andrew.cmu.edu
Views from the Chapter
April 2013 Meeting
Awards / Friends & Family Night
ASM Teachers Materials Camp 2013

June 24 - 28, 2013

New Jersey Institute of Technology, Newark, NJ

An ASM Materials Camp 2013 for high school general science, chemistry, physics, math and technology teachers and middle school science teachers will be held at NJIT between June 24-28. This is a one-week workshop to demonstrate how low cost and no cost, simple labs and experiments, using everyday materials, can be integrated into existing lesson plans. The purpose is to engage and excite young people in science and math!

This is a free program supported by funding from the ASM Materials Education Foundation, the New Jersey Institute of Technology, and a variety of corporate sponsors. Additional contributions are encouraged from members and local companies.

Further information and an online application are available at: http://www.asmfoundation.org/portal/site/www/foundation/

Once there, scroll down the left panel and click: “Teachers Materials Camps”

Contact Dr Roumiana Petrova at NJIT: petrova@adm.njit.edu if you have questions or wish to become a sponsor.

Please share this information with teachers that you may know.

ASM 100th Anniversary Gala

October 27, 2013
Montreal, Quebec Canada

The ASM Anniversary gala will be held in conjunction with this year’s MS&T conference, and will take place the evening prior. It will feature a cocktail reception, Gala Jubilee dinner, President’s Afterglow Reception, distinguished awards ceremony, historical tributes, live entertainment, a special guest speaker, mementos, and much more.

Tickets are $125 per person and must be purchased in advance. Registration will open in June.

Check the ASM website for updates: http://www.asminternational.org

Best wishes for the summer — See you in September