



**Notre Dame
Chapter**

A Five Star Chapter



March 2010

OUR 90th YEAR AS A CHAPTER!

The Link Newsletter

www.nd-asm.org

March is Tech Seminar Month!

This is a busy month for the ASM-ND Chapter! In addition to having the Chapter meeting on March 16 (which is a tour of the newest engineering building at Notre Dame), on March 23rd The ASM-ND Chapter is having an all day Tech Seminar titled "Steel 101". This seminar is a great introduction or refresher course for those interested in the metallurgy of steel. As part of this seminar there will be a panel of experts to answer your materials problems. The cost for the "Steel 101" seminar is \$135 and includes lunch and all course materials. This is also a great opportunity for those who work with steel but are not metallurgists to learn about steel. Please recommend it to your coworkers and employees! Anyone interested in more information can find it in the attached flier.

Chapter Scholarship

Remember that the ASM-ND gives college scholarships to children of chapter members who are going to college to study for a materials related field (engineering, sciences, etc.). The application for this scholarship is attached to this newsletter or visit www.nd-asm.org/scholarship.php.

Are you interesting in getting more involved with the Notre Dame Chapter of ASM International? Do have ideas to make the chapter better? The chapter is creating the Executive Board for next year. Email Dave Coulston at david_coulston@leco.com if you are interested in helping plan next year's chapter events. Hurry, we are voting on the new at this month's meeting!

Are you being published? Have you been promoted? Are you retiring? Does your company have a job opening? Do you have announcements you would like to share with ASM-ND Chapter? If so, please email a member of the Executive Board so we can put it in the LINK! Contact Tim Conrad at tlconrad@gmail.com.

Tour of Stinson-Remick Hall and the Notre Dame Integrated Imaging Facility at the University of Notre Dame

Tour Leader: Dr. Alexander Mukasyan

Stinson-Remick Hall is the newest engineering building on the Notre Dame campus, having opened earlier this school year. This engineering research building houses a nanotechnology research center, the Notre Dame Energy Center, a semiconductor processing and device fabrication clean room, and the Notre Dame Integrated Imaging Facility (NDIIF). The NDIIF is the consolidation of the various imaging facilities for science and engineering at the University of Notre Dame. This facility has scanning electron microscopes (SEMs), transmission electron microscopes (TEMs), and biological specimen imaging capabilities. Specifically in Stinson-Remick Hall, the NDIIF Laboratory for Advanced Electron Microscopy has a Magellan 400 Field Emission Scanning Electron Microscope (FE SEM) with Energy Dispersive X-Ray Spectrometer (EDS) and a Helios NanoLab DualBeam 600 SEM/Focused Ion Beam (FIB) Workstation that is capable of nano-prototyping, nano-machining, and nano-analysis. This tour is guaranteed to inform you of the latest electron microscopy techniques

Dr. Alexander Mukasyan is a professor in the Department of Chemical and Biomolecular Engineering and is the director of the Laboratory of Advanced Electron Microscopy.

Date/Time: March 16 at 6:00 pm for Tour of Stinson-Remick Hall
7:30 pm Dinner

Location: University of Notre Dame
Stinson-Remick Hall
Notre Dame, IN 46556
Please see attached map for directions and parking

Dinner: Sorin's at the Morris Inn
University of Notre Dame

Dinner Choices: Chicken Scallopini, Sauteed Salmon, and Beef Tenderloin Tournedos. Dinner includes salad and sorbet. Cost: \$25.

Please RSVP: Please RSVP via the Google Calendar invitation, on the website, or email Tim Conrad at tlconrad@gmail.com or Bob Merryfield at klmerryfield@aol.com by Monday March 15th.



Stinson-Remick Hall at the University of Notre Dame

**Directions to Stinson-Remick Hall at the University of Notre Dame
From Business 31/ IN 933**

Turn east onto Angela Road (if coming from the south of campus: turn right at the first stop light north of the river; if coming from north of campus: turn left at the second stop light after the stop light for the Toll Road on-ramp). Follow Angela Road until you reach the first stop light and turn left onto Notre Dame Ave. and drive onto the Notre Dame Campus. Follow the signs for the Morris Inn and turn into the parking lot for the Morris Inn/Sorins. Stinson-Remick Hall will be directly east of the Morris Inn/Sorin parking lot. We will be meeting at the entrance to Stinson-Remick Hall that is closest to the Morris Inn parking lot.

For a Detailed Map of Notre Dame’s Campus please visit: <http://nd.edu/campus-and-community/campus-map/> or see the next page of this newsletter.

Past and Future Meetings

22 September	General Sheet Metal Tour
20 October	High Strength Ceramics for Engine Applications , Stephen T. Gonczy, PhD
17 November	Allen’s Nine Rules for Business Turnarounds , Terry Allen
December	No Meeting
January	Tour of Hessert Laboratory at the University of Notre Dame
February	Engineers Week
March	Tour of Stinson-Remick Hall at the University of Notre Dame
April	TBD
May	Social Event – South Bend Silverhawks game