



November 2010 OUR 91st YEAR AS A CHAPTER

The Link Newsletter

www.nd-asm.org

November is here!

Thanksgiving is on its way! It is a time to spend with family and friends and to celebrate everything we are thankful for.

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 e-mail me so we can put it in the LINK! Contact Tim Conrad at tlconrad@gmail.com.

The members of the Executive Board want to hear from you! What meeting topics would interest you? Is there a plant tour you or someone else would like to give? Is there a topic you are an expert on and would like to share your knowledge with the other chapter members? Let us know! We are always open to ideas from our members.

Member News

Sarah Leech recently had a paper accepted for publication in Acta Materialia titled "Edge and finite size effects in polycrystalline ferroelectrics". Acta Materialia 59 (2011) 191-201.

Shot Peening, and Shot Peening with Fine Media for Surface Modification of Medical Devices

Tuesday Nov. 16, 2010 in Warsaw, IN

Applications for shot peening include the aerospace and automotive industries, as well as medical devices, where surface modification provides enhanced tissue adhesion. Mr. Jack Champaigne's presentation: **Shot Peening, and Shot Peening with Fine Media for Surface Modification of Medical Devices**, will include historic trends and current developments in surface modification.

This promises to be an interesting and timely presentation, which you will not want to miss!

Jack Champaigne, President and founder of Electronics Incorporated (EI), has been active in the shot peening industry since 1974, developing and manufacturing products which improve the quality of shot peening and blast cleaning processes. In addition to holding 14 patents related to shot peening control technology, EI is active in training, education, and development of standards. EI publishes *The Shot Peener*, a magazine read in 85 countries, and hosts an online library of articles and research papers. In 1996, Mr. Champaigne was Chair of the Sixth International Conference on Shot Peening, held in San Francisco, CA. In January 2008, Mr. Champaigne founded a new shot peening sub-committee of the Aerospace Metals Engineering Committee of the Society of Automotive Engineers (SAE) and, as Chair, is presiding over a group of international industry leaders in the pursuit of updating and creating specifications that will be relevant to today's shot peening industries. Mr. Champaigne currently serves as Committee Chair of the Surface Enhancement Division of SAE and Chair of the International Scientific Committee for Shot Peening. Electronics Incorporated will host the Eleventh International Conference on Shot Peening in 2011 in South Bend, IN.

Date/Time: Tuesday, Nov. 16, 2010.
6:00 PM Social
6:30 PM Dinner
After Dinner - Presentation

Location: The Boat House Restaurant
700 Park Avenue
Winona Lake, IN 46590

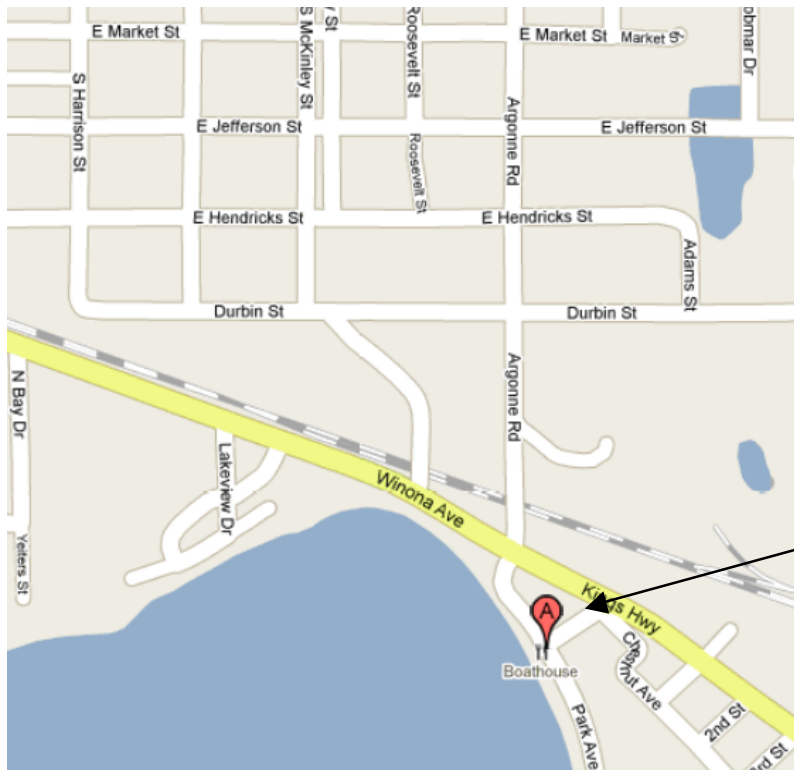
Dinner: Prime Rib, Mahi-Mahi, or Roasted Red Pepper Pasta

Cost for Dinner: \$25

Please RSVP via the Google Invite you received by email or email Tim Conrad at tlconrad@gmail.com.

Past and Future Meetings

21 September	“Materials Issues in Commercial Aircraft Wheels and Brakes” presented by Randy Griffith
19 October	Tour of Nimet Industries by Steve Greve
17 November	“Shot Peening, and Shot Peening with Fine Media for Surface Modification of Medical Devices” presented by Jack Champaigne, Warsaw, IN
December	No Meeting
January	TBA
February	TBA
March	TBA
April	“Polyetheretherketone (PEEK) as a Biomaterial” presented by Tim Conrad, Warsaw, IN
May	Social Event



The location of the
Boat House in
Winona Lake

Directions to The Boat House in Warsaw, IN from US 30 East

Take US 30 to through Warsaw until you reach East Center Street. Turn right onto E. Center Street. In 0.4 miles turn left at Parker Street/Argonne Road. Continue on Argonne Road. After 0.4 miles Argonne Road becomes Park Ave. The Boat House will be on your right.