

# February 2010 OUR 90<sup>th</sup> YEAR AS A CHAPTER!

## The Link Newsletter

[www.nd-asm.org](http://www.nd-asm.org)

### Happy 90<sup>th</sup> Year!

Greetings ASM-Notre Dame chapter members! This month we are celebrating Engineers Week! Make sure to attend Engineers Week celebrations on Feb. 20.

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](mailto: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.

### Material Highlights

In 1934 it was postulated by Taylor, Orwan, and Polanyi that a half plane lattice defect would allow slip at much lower stress levels in crystals. Amazingly enough they each developed this idea independently of each other. This idea would latter be known as an edge dislocation. The screw dislocation was first thoroughly described by Johannes Burgers in 1939. F. R. N. Nabarro is known for developing physical formulations to describe the resistance to dislocation motion and mechanisms of diffusional creep.

### Engineer's Week 2010

**Topic: The Air Force Engineering & Technical Support Program, The B-2 Bomber, and Unmanned Aerial Aircraft**

**Presented by: Staff Sergeant Travis Andrews**

Date/Time: February 20, 2010.  
6:00 PM Social and Networking  
7:00 PM Dinner  
Presentation of Volunteer Awards then Presentation

Location: Ramada Plaza Hotel (Formerly the Holiday Inn Downtown)  
213 West Washington Avenue  
South Bend IN

Dinner: Polish Style Buffet featuring baked chicken, polish sausage, kluski noodles, fresh green beans, sweet & sour cabbage, mashed potatoes with gravy, salad, rolls & butter, dessert, and coffee or iced tea.

Please RSVP via: [www.engineers-week.com](http://www.engineers-week.com)

### Past and Future Meetings

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



# ~2010 Engineers Week Celebration~

*Come one, come all...calling all engineers, spouses, friends and guests to a special banquet celebrating the wonderful world of engineering and engineer volunteers! This event is open to the public!*



## Saturday, February 20, 2010



*We are most honored to have Staff Sergeant Travis Andrews, USAF, present a program about three unique and intriguing topics:*

### **The AFETS Program**

*(Air Force Engineering & Technical Support)*

### **The B-2 Bomber**

### **Unmanned Aerial Aircraft**



4:30-6:00 p.m. Social & Networking ~ 6:00 p.m. Dinner ~ 7:00 p.m. Volunteer Awards Program followed immediately by USAF Program  
Ramada Plaza Hotel (formerly the Holiday Inn Downtown)  
213 West Washington Avenue, South Bend, IN

A cash bar will be available during the Social & Networking event. Come early to visit the Society displays and to visit with the speaker! Dinner will be a Polish Style Buffet. (Baked chicken, Polish sausage, Kluski noodles, fresh green beans, sweet & sour cabbage, mashed potatoes with gravy, salad, rolls & butter, dessert and coffee or iced tea – please contact Bill or Al, below, with special dietary needs and requests)

Event Tickets are \$30.00/adult & \$15.00/student  
(optional indoor garage parking is \$5.00/vehicle)

Don't miss this exciting event...make your reservation by purchasing your tickets online at [www.engineers-week.com](http://www.engineers-week.com) by 10:00 p.m., February 14, 2010!

To ensure a successful event we regret there will be no refunds after 10:00 p.m., on February 13, 2010

Contact your engineering society, Bill Catsiff ([wcatsiff@msn.com](mailto:wcatsiff@msn.com)) or Al Rioli ([219-926-2170](tel:219-926-2170) or [deseng@crown.net](mailto:deseng@crown.net)) for additional information.

Presented by the following Engineering Societies:

- AIST – Association for Iron & Steel Technology
- ASCE - American Society of Civil Engineers
- ASM International - The Materials Information Society
- ASME - American Society of Mechanical Engineers
- ASQ - American Society for Quality
- IEEE - Institute of Electrical and Electronics Engineers
- ISPE - Indiana Society of Professional Engineers
- SAE - Society of Automotive Engineers
- SME - Society of Manufacturing Engineers

**CELEBRATE  
VOLUNTEERISM**  
National Engineers Week  
February 14–20, 2010



**ENGINEERS MAKE A  
WORLD OF DIFFERENCE**

Ramada Plaza Hotel

<http://www.mapquest.com/maps?city=South+Bend&state=IN&address=213+W+Washington+St&zipcode=46601-1701&country=US&latitude=41.67635&longitude=-86.252187&geocode=ADDRESS#>

