



# Fort Wayne Section News

VOLUME 03, ISSUE 6

February 2005

## FEBRUARY MEETING ANNOUNCEMENT

- PROGRAM:** **Product Liability and Failure Analysis**  
**Ronald Parrington, P.E., President and Manager of Materials Engineering, IMR Test Labs**  
*Joint Meeting with ASQ and ASM*
- LOCATION:** **Goegleins**  
**7311 Maysville Road**  
**Fort Wayne**
- DATE / TIME:** **Wed., February 9, 2005**      5:30 pm Social  
6:00 pm Dinner  
6:45 pm Program
- COST:**      **\$17.00** SAE/ASQ/ASM Members and Retirees  
**\$21.00** Non-member and walk-in registration  
**\$10.00** Students
- MENU:** Tossed Salad, Roasted Turkey Breast, Bread Dressing, Whipped Potatoes & Gravy, Green Beans with Almonds, Apple Strudel  
(Vegetarian plate by advance request)
- RESERVATIONS:** ADVANCE RESERVATIONS REQUESTED BY February 4. Company reps are listed on the last page. On-line reservations may now be made at the Section web site: <http://www.saesections.org/fortwayne/>

**Celebrating the 100<sup>th</sup> Anniversary of SAE**

### About the Program and Speaker...

**Failure analysis** is a valuable tool in determining product liability. The legal and technical definitions of product failure are reviewed. Root causes of product failures can be categorized as [1] physical, [2] human and/or [3] latent (systemic) or by the stage in the product life cycle (material, design, manufacture, and/or service). Failure analysis is used to identify the physical cause(s) of failure (distortion, fracture, wear, and/or corrosion). The process of failure analysis is outlined. Case histories of failure analysis are illustrated with numerous photographs, fractographs, and photomicrographs.

**Ronald Parrington, P.E.**, is President and Manager of Materials Engineering at IMR Test Labs. He graduated from Rensselaer Polytechnic Institute with BS and MS degrees in Materials Engineering. He has 20 years of experience in failure analysis of metallic and nonmetallic materials, has presented and published several papers on failure analysis, teaches the ASM course "Principles of Failure Analysis", and is past chairman of the ASM International Failure Analysis Committee.



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**Upcoming Meetings**

March – Couples Night – watch for announcement  
April 6 – Student Competition Night

**Company Representatives**

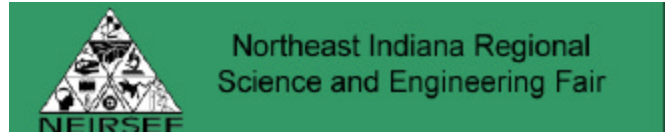
Please make meeting reservations and dinner payments with your company representative (or online at [www.saesections.org/fortwayne/](http://www.saesections.org/fortwayne/)):

Rich Taylor	Affinia
Dan Gochenour	Eaton Clutch, Auburn
Dan Grohnke	International Truck
David Gibson	Cooper Standard
Bongsu Kang	IPFW
Ramiro Bravo	Tri-State University
Dave Aschliman	Indiana Institute of Technology
Jim Roussey	All Others (P) 260.486.8500
	<a href="mailto:JiRoussey@aol.com">JiRoussey@aol.com</a>

**NE Indiana Regional Science Fair coming Saturday, March 19 to IPFW**

The Fort Wayne Section will again be judging and awarding prizes at the Science Fair for entries related to mobility and the physical sciences. If you would like to spend an enjoyable few hours on Saturday morning meeting the budding scientists and helping with the judging, contact Marty Blessing at (260) 428-3275. The Fair is open to the public at 1 pm.

<http://www.ipfw.edu/scifair/>



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**ADDRESS CORRECTION REQUESTED**