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2006-2007**

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Chandra Jain

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The American Society **ASME** of Mechanical Engineers
SETTING THE STANDARD
1880 ————— 2005
Canton Alliance Massillon Section News



Editor: Kevin T. Reynolds

August 2006

PLEASE KEEP YOUR E-MAIL ADDRESS CURRENT

Newsletters are sent by e-mail in PDF format to all members with an e-mail address on file. Paper copies are no longer sent by US mail. For those members without an e-mail address on file, you can access the Newsletter On-Line on our CAM Website as noted above.

If you would still like a hardcopy mailed, please contact Kevin Reynolds to arrange a special mailing (reynoldsk1@asme.org, 330.829.9933 x224).

Please take a moment to verify your e-mail address and keep it current at the "Members Only" tab at <http://www.asme.org>. You will need your member ID for access.

ATTENTION Members

The 2006-2007 Year is here and we are now all electronic. Newsletters are only available through E-mail and the Webpage. However, as noted above, We can still mail a copy per special request.

UPCOMING DINNER MEETING

September 21, 2006, Topic

INSULATION, THE FORGOTTEN OR LOST TECHNOLOGY

(details page 2)

PLEASE JOIN US; YOUR PARTICIPATION IS GREATLY APPRECIATED!

CAM Section Board Meeting

Tuesday, Sept. 21, 2006
5:30 pm, Holiday Inn
North Canton, OH

Chairman's Corner:

If you or your company has a job opportunity, please contact me to discuss a posting on our website and newsletter and link to the Akron Section Membership web site as well

(<http://www.ecgf.uakron.edu/~asme/akron/employment.html>). This posting will reach over 700

local area engineers in the Canton, Alliance, Massillon and Akron areas.

Thank you,

Kevin Reynolds
Reynoldsk1@asme.org
330.829.9933 x224

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INSULATION, THE FORGOTTEN OR LOST TECHNOLOGY

In the Commercial, Industrial & Mechanical Segments of the Construction Industry

Insulation is a proven technology that is often over looked and undervalued and accordingly is not performing to capacity. Can insulation reduce energy consumption and emissions; be an integral part of your safety program; improve the environment in which you work; increase productivity; eliminate or at minimum reduce corrosion under insulation, control condensation and mold growth, be a major contributor in sustainable design initiatives and provide a great return on your investment? Usually what sounds too good to be true, isn't. That's not true here. You have to see it to believe it. Did you know that insulation is applied but rarely engineered? This presentation provides evidence as to the power of insulation when designed, installed and maintained properly, reviews the old and new generation of insulation materials - systems and provides educational tools, including a comprehensive energy management software program, to assist you in your selection and evaluation of this forgotten technology, simply known as insulation.

Speaker and Association Bio:

Ron King

His diverse business and industry experience has provided Ron King insight and practical knowledge in the fragmented insulation and construction industry. During his forty year tenure in the industry he has served as an Executive Officer of a major specialty insulation contractor, insulation accessory manufacturer and recently retired as the Chairman, President and CEO of one of the nation's largest diverse insulation and specialty distributors. He is a past President of the National Insulation Association (NIA), the Southwest Insulation Contractors Association and the World Insulation and Acoustic Organization. He has been honored with "President's Award" on three different occasions from two associations. He currently is a consultant to NIA. His experiences allow him to employ an interactive and humor laced approach in his presentations.

National Insulation Association (NIA) <http://www.insulation.org>

NIA is a fifty year old trade organization whose members specialize in contracting, distribution – fabrication and manufacturing of mechanical insulation for industrial and building applications, refractory applications, environmental remediation and other related services. NIA and its Foundation for Education, Training and Industry Advancement are committed to creating and providing educational and awareness programs as to the power of insulation. NIA's scope of activities includes working with private industry, federal and state government agencies and strategic partner organizations, such as ASME. NIA is continually striving to increase the success and professionalism of the overall industry and to increasing membership value for their and their strategic partner's members.

RLK, July 7, 2006

C.A.M. SECTION WEBSITE: <http://sections.asme.org/cam>
INSULATION, THE FORGOTTEN OR LOST TECHNOLOGY
Sponsored by CAM ASME Organization



Date: Tuesday, September 21, 2006

Time: 6:00 PM Social, 6:30 PM Dinner, 7:30 PM Program.

Place: Holiday Inn North Canton, 4520 Everhard Rd. N.W. Canton, Oh. 44718, Telephone 330.494.2770.
<http://www.hicanton.com/>

Reservations: Please make reservations by contacting Kevin Reynolds (see info. Next page) or fill out the form below and send or fax to Kevin Reynolds. Please make reservations by 5:00 pm. on September 15, 2006.

Dinner selection: A sit down dinner choice of Chicken Saltimbocca or Orange Roughy, Parsley Buttered Potatoes, Vegetable Medley, Salad, beverage, and German Chocolate Cake. Cash Bar.

Dinner prices: \$10 for students, \$15 for everyone else. Each person is to pay individually at the event.

Please provide your name, company affiliation and dinner selection when making reservation.

RESERVATIONS -- complete the following information and submit as indicated below by September 15, 2006.

Member Name: _____

Society/Section: _____

Company (if applicable): _____

Contact information (phone, fax, email) for rapid notification of plans update or confirmation.

Guests Names (spouse, friend, coworker), if applicable:

1 _____ Dinner Selection: _____

2 _____ Dinner Selection: _____

3 _____ Dinner Selection: _____

You can pay by check or cash at the meeting.

Return reservations by email, mail or fax before SEPTEMBER 15, 2006 to:

Kevin T. Reynolds
SEPT 2006 CAM NIA Dinner Program
1207 W. State St. Suite B
Alliance, OH 44601

FAX: 330-829-9934, email reynoldsk1@asme.org, please put "RE: SEPT 2006 CAM Dinner Program" in the subject title for e-mails. Contact/Phone: Kevin Reynolds/330.829.9933 x224 (for questions or additional information).

Akron ASME Fall Kick-off Meeting: Goodyear support of NASCAR racing

Date: Thursday, August 31, 2006

Time: 5:30 PM social time, 6:00 PM Goodyear program (roughly 30 minutes), followed by dinner, vehicle displays, and student team presentations

Where: Goodyear's Wingfoot Lake Park, 1026 Goodyear Park Boulevard, Mogadore, OH 44260

Menu: 8 oz New York strip steak, red skin potatoes, green beans, pasta salad, rolls, butter, beer, and pop

Price: \$20 for adults, \$5 for first 50 students (student tickets subsidized by The Goodyear Tire & Rubber Company)

Reservations: **REQUIRED!!** Deadline: 10 AM, Monday, August 28, 2006.

Reservations can be made at either akronasme@mail.com or 330/864-7555, stating names of all attendees, and contact info to let us get back to you to confirm. Pay at the door. Please come if you reserve: we must pay for "no shows"!

Summary: With permission, the following is excerpted from the Aug. 23, 2005 Akron Beacon Journal article by Tom Reed: "Trying to keep 43 bosses happy: Goodyear techs have tough job with one winner, 42 losers each race." Some highlights of that article (original text paraphrased in parentheses):

Nearly 400 hourly workers manufacture tires (with NASCAR being the largest single customer) at the Goodyear Tech Center on Martha Avenue, but (Goodyear's) specialists (at the races) "man the front lines", answering questions and solving problems on race (weekends). In some ways, they have the most thankless jobs on the NASCAR circuit. Each week, the car pulling into Victory Lane is shod (with) Goodyear's. So are the 42 losers.

Goodyear has been the sole provider to the Nextel Cup, Busch and Craftsman Truck Series since 1997. The tire contract runs through the 2007 season. Goodyear produces five major types of tires for the various track groupings.

Looking to improve, Goodyear engineers are much like state wildlife biologists. Field work is only part of the job. (Goodyear specialists) compile trackside data used in the development of the next generation of Goodyear Eagles. They are constantly gauging the temperature of tires, which can (approach) 300 degrees during practice runs, qualifying and

racers. They spend several days a week in the Akron office conferring with other engineers about ways to improve the product.

The Tech Center annually produces about 150,000 tires for NASCAR. It ships 3,700 to tracks staging a Cup and Busch Series race on the same weekend. Each Cup team gets about 12 sets, but (a Goodyear official) concedes they can have as many as requested.

Engineers can offer suggestions on air pressure and wheel angles, but crew chiefs are not bound to follow them. All teams are issued the same tires and can alter them within the specifications set by NASCAR. Many teams push the limits to maximize performance and handling.

Conflict is part of the game. The Goodyear team not only serves 43 bosses per week, it also must answer to NASCAR. A (couple years) ago, the governing body (asked Goodyear to provide increased mechanical grip with softer tread compounds to help balance the aerodynamic downforce loss from reduction in rear spoiler height) and place more emphasis on driver skill. That change (challenged) Goodyear and the race teams to devise new ways of attacking old problems. The engineers say they welcome the challenge.

Come prepared to hear more about it on August 31st!

The University of Akron SAE team competition cars (Formula, Mini Baja, and Supermileage), as well as professional dragster and funny cars, will be invited.

Please note that due to a scheduling conflict, our Website has not been updated with this current information. We apologize for this inconvenience and will update it as soon as possible.

We would also like to announce the following conference that many of you may find interesting and valuable to your professional career and which will be hosted at our very own University of Akron:

EPS Division TopCon 2006 Polymer Display Technologies

Society of Plastics Engineers

**“Recent Advances in Organic and Polymer Display Technologies”
THE complete conference for the Engineering Properties and Structures Community**

The Society of Plastics Engineers' (SPE) Engineering Properties & Structures Division is providing a complete conference program that appeals to every aspect of the industry. ([more...](#))

- Keynote Speakers bringing the latest in research and industry in display technologies
- Technical discussions include emphasis on Molecular and Polymer light emitting materials and liquid crystal polymers
- Leaders in the Industry will present original, non-commercial papers and presentations on recent advances and significant work in display technologies ([more...](#))

October 23 – 24, 2006

University of Akron

Akron, Ohio

Save over 30%

If you register before August 31, 2006

BE PART OF THE EVENT DEDICATED TO YOUR INDUSTRY

Sponsorship/Exhibit Space Opportunities:

Frank Cangelosi
203-966-8880
fcangelosi@unimin.com

Technical Program Chair:

Lynn Loo, Ph.D
University of Texas at Austin
512-471-6300
lloo@che.utexas.edu

For more information or to register for this conference:

<http://www.4spe.org/conf/epsdiv06/0610epsdiv.php>

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