



ASME International

Northwest Ohio Section Newsletter

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This newsletter is an official publication of the Northwest Ohio Section of ASME and is published monthly.

Mechanical Design Software Demonstrations

-- Tuesday, March 21, 2000 --

The University of Toledo, Nitschke Hall
Atrium & Seminar Room, First Floor

Social Time & Informal Demos: 5:30 PM

Pizza & Pop: 6:00 PM

Formal Presentations: 6:30 PM to 8:30 PM

Door Prizes Awarded: 8:30 PM

Informal Questions & Demos: 8:30 PM to ???

Cost: \$5.⁰⁰ / person for Pizza & Pop

We'll be Viewing Presentations & Demos of / by the following:

- Mathcad 2000, Presented by Mathsoft's Director of Sales & a Support Engineer
- Various SolidWorks Applications, COSMOS/Works and Dynamic Designer/Motion Presented by Microsolid Solutions, a Value Added Reseller
- ANSYS Products, Presented by ANSYS' Local Representative

For reservations, contact Christine Smallman at: 530-8212. If leaving a message, include your mailing address to receive a UT Parking Permit by mail

For directions to Nitschke Hall, refer to http://www-mime.eng.utoledo.edu/forms/contact_us.html

For an overall map of the UT campus, refer to <http://www.utoledo.edu/campus-map/bsc.htmlx>

continued on page 3...

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The 1999-2000 Northwest Ohio Section Executive Board

Chairman, Newsletter Editor

Glenn P. Siddens, EIT
Palmer Associates
(W) (419) 478-7151; (F) (419) 478-3947
gsiddens@uoft02.utoledo.edu

Vice Chairman, Program Chair, Industry Relations, Unemployed Member Coordinator

Thomas F. Names, PE
SFT, Inc.
(W) (419) 843-8200; (F) (419) 843-8020

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Ron Fasca, CMGE, PE
Owens Community College
(W) (419) 661-7469; (F) (419) 476-9874

Secretary, History & Heritage

Craig Knowle
(H) (419) 693-7006

Membership Development, Professional Development, Professional Practice & Ethics, Scholarship Chair

Daniel F. Robins, PE
Product Analysis & Structural Testing
(W) (419) 382-9041; (F) (419) 382-7878

Government Relations

Robert A. Schmall, PhD, PE
Surface Combustion
(W) (419) 891-1785; (F) (419) 891-7151

Public Information, Webmaster

Leonard A. Anderson, PE
SUNOCO MidAmerica Mktg. & Refining
(W) (419) 698-6765; (F) (419) 697-6549

College Relations

Gustavo "Gus" Simiao
U. of Toledo Student Section President
(S) (419) 530-8219; (F) (419) 530-8206

Technical Activities, Satellite Programs

Ernest A. Lewis
Prime Directions
(W) (419) 475-8255; (F) (419) 475-9469

Past Chairmen

William B. Rugh
Owens-Illinois, Inc.
(W) (419) 247-8690; (F) (419) 247-7869

Paul R. Iott, PE
SFT, Inc.
(W) (419) 843-8200; (F) (419) 843-8020

Director, Midwest Regional Office

Thomas E. Wendt, PE
(W) (800) 628-6437; (F) (847) 680-6012
wendtt@asme.org

Message from the Chairman

We've had this idea brewing for a while in our executive board meetings that it may be more convenient or palatable for some members to receive their newsletters, or simply a reminder that the newsletter is available on the web site, via email.

From the time the newsletter is sent to the printer to the time it arrives in your mailbox may be up to 2 weeks. Imagine during all that time it's been posted on the web site for your perusal. If you would like to be sent a reminder that the newsletter is edited and posted on the web site, please drop me a line at gsiddens@uoft02.utoledo.edu (that's uoft(zero)2).

Lastly but not leastly, it's been a long cold winter, and most likely you've been stuck inside, in front of a computer, leaving home before the sun comes up, coming home after the sun goes down. So once the cold weather breaks, and spring is in the air, be sure to go outside and get some fresh air--at least take a few deep breaths--and get the cob webs blown out of your brains. It can do wonders for even the mildest case of cabin fever.

Happy Days,
Glenn Siddens

April Program Preview

April 20 will be our annual awards dinner and guest speaker. This year the event will be held at Kaufman's in Bowling Green. After a delicious all-you-can-eat chicken dinner, awards will be given to students from the University of Toledo and Ohio Northern University Student Sections, including the coveted Weaver Scholarship.

Also, 25, 50, and 75 year members of ASME for both the '98-'99 and the '99-'00 membership years will be recognized and presented their awards by Paul Plotkowski, ASME's Region V Vice President. Finally, Steve Pollick, the Outdoors Editor from the Toledo Blade, will give one of his entertaining presentations on conservation and the outdoors.

Reservations are required for this event. The cost is \$15/person; members are encouraged to bring a guest. To make a reservation, or if you think you are a 25, 50, or 75 year member of ASME, please contact Tom Names at (419) 843-8200.

Mark Your Calendars...

...and join us for these upcoming events.

All are welcome to participate in Executive Board Meetings. They start at approximately 5:30 p.m. at:
SFT, Inc., 6629 W. Central Ave., Toledo, OH 43617

Tuesday, March 14	* Executive Board Meeting
Tuesday, March 21	Mechanical Design Software Demos
Friday, April 7	TST Luncheon
Thursday, April 13	* Executive Board Meeting
Thursday, April 20	Awards Dinner and Guest Speaker
May TBD	* Executive Board Meeting
May TBD	To Be Determined
Tuesday, June 6	* Executive Board Meeting & Planning Meeting
Saturday, June 10	Picnic and Tour of Ludwig Mill

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Mechanical Design Software Demo

...continued from page 1

Mathcad 2000 by Mathsoft is a calculation package that includes visualization tools, collaboration tools and integration tools. It also supports 2D and 3D graphing. Over a million engineers and scientists worldwide rely on Mathcad for performing their technical work quickly and accurately.

SolidWorks is a collection of powerful, easy-to-use solid modeling software. SolidWorks is used for detailing, assembly modeling, part modeling, sheet metal, demonstrations of how products will look and perform, photo-realistic rendering, and piping design.

COSMOS/Works by Structural Research & Analysis Corp. is a finite element design analysis tool that integrates to SolidWorks. It allows for optimization of design and for analysis of stress within the design. Results of analysis are represented graphically on renderings of the design.

Dynamic Designer/Motion by Design Technologies is a full-function 3D dynamic simulation package that also integrates to SolidWorks.

ANSYS is a collection of powerful finite element analysis software. Packages include Multiphysics, Mechanical, Structural, and Flowtran.

Free Money

Well, it's not totally free, but hey, at least we got your attention. In April, the Northwest Ohio Section be awarding two \$500 cash scholarships to two lucky students.

To be eligible, the awardee must be a daughter or son of a Member in good standing of the Northwest Ohio Section of ASME, or a student member of either the Ohio Northern University or the University of Toledo Student Section. Also, the awardee must be either a Junior or a Senior in good standing in an ABET accredited Mechanical Engineering program.

The application process is way too easy. Simply download the Weaver Memorial Scholarship application from the Northwest Ohio Section Home Page (see bottom of page) in *.pdf format, print it out, fill it out, and sent it to any member of the Weaver Memorial Scholarship Committee or any member of the Northwest Ohio Section of ASME.

A.S.M.E. + T.S.T. = F.U.N.

Okay, sorry about that title line, but here's the deal. The Technical Society of Toledo has a monthly luncheon meeting on the first Friday of each month, and the April 7 meeting is ASME's turn to sponsor it and provide hungry mouths to feed.

The meeting takes place at the Toledo Club in downtown Toledo at Madison & 14th Street. The meeting starts at 11:45 am with a social and luncheon buffet, with the main program from 12:30 pm to 1:15 pm. The main program includes a

speaker and presentation, yet to be determined for the April meeting.

Cost is \$16.⁰⁰ / person at the door, and you are free to bring a guest or a spouse. All reservations must be made 48 hours prior to the luncheon. To make a reservation, or for more information, contact Lois Songer, TST Secretary, at (419) 531-0302.

Region V RAC

The Great Lakes Region V Regional administrative Conference will be held in Auburn Hills, MI, from Friday, May 5 through Sunday May 7, 2000. The conference takes place at the Holiday in Select located at I-75, Exit 79, the corner of University Drive and Opdyke Road.

The RAC provides an opportunity to meet with international leaders and officers from other sections to review program years, speak on Member Initiative items, and meet socially with friends, associates, and peers.

The conference will get underway on Friday with an opening reception and registration. The Saturday banquet will include a performance by Evergreen Blues, a semi-professional vocal jazz group from Henry Ford Community College in Dearborn, MI.

For more information, contact RAC Chair Mary O'Daniel at odanielm@asme.org

Did you know?

- There's one sport in which neither the spectators nor the participants know the score or the leader until the contest ends. What is it?
- Of all vegetables, only two can live to produce on their own for several growing seasons. All other vegetables must be replanted every year. What are the only two perennial vegetables?
- In many liquor stores, you can buy pear brandy, with a real pear inside the bottle. The pear is whole and ripe, and the bottle is genuine; it hasn't been cut in any way. How did the pear get inside the bottle?
- Only three words in Standard English begin with the letters "dw". They are all common. Name two of them.
- There are fourteen punctuation marks in English grammar. Can you name half of them?
- It's the only vegetable or fruit that is never sold frozen, canned, processed, cooked, or in any other form but fresh. What is it?
- What famous North American landmark is constantly moving backward?
- Name six or more things that you can wear on your feet that begin with the letter "s".

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