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Program

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The American Society of Mechanical Engineers



Canton Alliance Massillon Section News

Editor: Jason Emperador

March 2004

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 sent by US mail only to those members without an e-mail address on file.

Newsletters are also posted on the CAM section website.

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



This month's meeting will be a joint meeting with the ASM. Grade 2 Titanium is the mainstay of the Industrial titanium market accounting for about 75% of its usage. It is a highly corrosion resistant (immune) metal in all waters and is lightweight with a high strength to weight ratio. Titanium is found, particularly in seawater cooling/environments, in many industries - Chemical Processing, Marine, Offshore Rigs, Pulp & Paper, Oil & Gas among many others.

John Mountford, Director of Marketing for TICO Titanium, will explain what Titanium is, its chemistry, properties, weight savings, comparisons against other metals and how these apply to life cycle cost and maintenance issues. Fabrication will also be discussed and will include several examples of applications and some specific prototype products

Established in 1957 during the infancy of the titanium industry, **TICO Titanium Inc.**, the originator of the Service Center concept for Industrial titanium products, has now been serving its customers for 45 years. Dedicated to supplying the Industrial titanium market segment, we have the capability of providing products from nuts and bolts to thousands of pounds of mill products.

Please contact Jason Emperador at emperaj@diebold.com or Krich Sawamiphakdi at sawamiphakdi@timken.com to attend.

Other Upcoming Events

April - TBA

May - TBA

CAM Section Board Meetings

NEXT MEETING: Tuesday March 2, 2004

6:00 p.m., Timken Research Conference Room 11

Board meetings to follow:

April 6, 2004

May 6, 2004

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ASME Sponsors EPA's 'P3' Award

ASME is sponsoring the 'P3' Award, a student design competition that will provide grants to teams of college students to research, develop, and design sustainable solutions to environmental challenges.

ASME is one of the Environmental Protection Agency's 27 partner organizations from industry, non-profit and governmental agencies to sponsor the P3 Award.

Eligible teams initially compete for \$10,000 grants. The winners will use the money to research their projects during the academic year. In 2005, the recipients will be invited to Washington, D.C. to compete for the 'P3' award, which will provide further funding for more design development and implementation.

Applications can be found at <http://es.epa.gov/ncer/rfa/>

ASME'S MEMBER INITIATIVE SYSTEM ON THE WEB

ASME'S Member Initiative System encourages any member or operating unit of ASME to propose improvements to Society policy or procedure or to make any suggestions which would improve the operation or activities of the Society.

To date, there have been 13 proposals submitted, on topics such as "ASME and Iraq Reconstruction" and "Committee on the International System of Units." To view the initiatives, as well as ASME's responses, visit the Member Initiative System web page at <http://www.asme.org/cma/mis.cfm>.

ASME Announces Conference on Nanotechnology Growth in Biotech and Medical Devices

ASME's Nanotechnology Institute will sponsor a conference on growth opportunities for the Biotech and Medical Sectors in Nanotechnology from April 15-16 at the National Academies of Sciences and Engineering in Irvine, Calif.

The conference will provide engineers, business developers, professionals from the biotech and biomedical sectors and students solutions on how to capitalize on the next wave of new technology.

Attendees to the conference will receive a tour of the Integrated Nanosystems Research Facility at the University of California, Irvine.

To register for this conference, or for more information call InfoCentral at (800) 843-2763 or visit the website at <http://www.asme.org/events/nanobio>

Don't Forget Your Online Tools for Recruitment and Retention!

Any member who needs to contact dropped members, or who would like to invite a colleague to join can find sample letters, emails, tips for in-person contacts and phone scripts online in the leadership toolbox at <http://www.asme.org/leadershiptoolbox/r&r.html>

Visit your leadership toolbox today to see what's available.

Grants Available, First-Come, First-Serve

The Board on Diversity and Outreach's Partners in Mechanical Engineering (Partners) Program provides grants to ASME Sections for innovative projects and activities that support collaboration with local sections or chapters of organizations that support women and underrepresented minority groups in engineering.

Grants are awarded on a first-come, first-served basis and range from \$500 to \$1,000, depending on the size and scope of the activity.

Applications for Partners grants may be submitted throughout the year. For additional information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

Student Activity Calendar

March

March 1 [Charles T. Main](#) nomination deadline

March 15 Deadline for [2004-05 ASME Scholarship application](#)

March 15 ASME Auxiliary Scholarship – application deadline

March 25 [Fluids Engineering Division](#) – Young Engineer Paper Contest – abstract due

April

April 15 [Summer/Fall Student Loans – Application Deadline](#)

April 16-17 [Fundamentals of Engineering Exam](#)

May

May 1 [Deadline for Pre-College Mini-Grant Applications](#)

May 16 [Student Manufacturing Design Competition – project description due](#)

May 30 [Young Design Engineers' Paper Competition – entry deadline](#)

Member-Get-A-Member Campaign

Recruit new members and receive a 'Certificate of Volunteerism!' *

50% of their 1st-yr dues will fund scholarships for ASME student members. **Any member that has been out of school 4 years or less saves up to 60% on dues.**

Campaign Details:

<http://www.asme.org/membershipdrive/2003-2004/about.html>

Up to 60% dues savings:

<http://www.asme.org/member/info.html#dues>

*Must recruit 2 more new members to receive certificate.

Manage Transition with Ease: E-mentoring

Access a network of practicing engineers right from your computer!

Ask career questions, get a real-world perspective on day-to-day issues in the workplace and learn more about other career alternatives. A mentor can help you get the right training, find the right niche in mechanical engineering, and help you transition more easily into the working world.

There are over 300 Mentors from various backgrounds: Aerospace, Biomechanics, Design Engineering, Petroleum, Power, Pressure Vessels & Piping, Nuclear Engineering, Process Industries, Engineering Sales & Marketing and more.

E-mentoring is available to all ASME members with five years or less work experience in the engineering field. So sign-up for a Mentor today!

<https://secure.asme.org/signin/ementoring.cfm>

Contribute to METoday

Share your work/life experiences, expertise and/or lessons learned through the process of building your career. We are looking for non-technical career focused articles and/or ideas geared towards Early Career professionals.

Submit proposals to youngengineers@asme.org or mail/fax to: ASME, Attn: Cheryl Hasan, Three Park Avenue, New York, NY 10016 or (212) 591-8239, (212) 591-7437.

ASME and JSME Announce 'ICONE 12'

ASME and JSME (The Japan Society of Mechanical Engineers) will jointly present the ICONE 12 (12th International Conference on Nuclear Engineering) from April 25-29, in Arlington, Va.

ICONE is the premier technical conference on nuclear engineering. This year's theme, Nuclear Energy – Powering the Future, reflects the future changes in the global nuclear industry.

Among the attendees will be nuclear professionals throughout the world who want to stay current on industry trends and developments.

To register, or for more information on this conference, call InfoCentral at (800) 843-2763 or visit

<http://www.asmeconferences.org/icone12/index.cfm>

Winning Strategies to Career Negotiations

Tips to getting that raise, promotion or new job

Prioritize your needs. Define your overall objectives in terms of responsibilities, work environment, salary and benefits— and keep these in focus throughout the discussion.

Consider the employer's needs. The more you understand what the employer is looking for, the more effectively will you communicate your value.

Strive for mutual understanding. “Put yourself in his shoes.” If you keep in mind the other person's style and values, it's easier to overcome areas where you may disagree.

Actively listen. Focus on what is being said, rather than what you wish to say—otherwise you may miss subtle, verbal and nonverbal cues that convey the employer's needs.

Be open-minded. Believing there's just one way to arrive at a positive outcome is very limiting. Instead brainstorm several outcomes that are mutually beneficial and then keep an open mind—an unanticipated solution may present itself through dialogue.

Research salary data. Having objective salary criteria is absolutely critical. Objective data minimizes the emotion of the discussion, as well as provides third-party credibility.

Practice, Practice, ... Role-playing with a career coach, or other objective individual, will show you exactly what you are comfortable asking for and how you come across to others.

Visit ASME's Career Center at www.asme.org/jobs for more information on career building and negotiations.

I am sorry everyone. We failed to mention the specifics of the joint ASM/ASME meeting:

Topic Commercially Pure Titanium by John Mountford of TICO

Titanium, Inc.

Place Lollie's Restaurant (see directions below)

Cost \$16.00 for ASME members

\$18.00 for guests

Food selection Steak, chicken or fish

Time Wednesday March 10, 2004

Social 6:00

Dinner 6:30

Presentation 7:30

RSVP Jason Emperador emperaj@diebold.com

Krich Sawamiphakdi

krich.sawamiphakdi@timken.com

Directions to Lollie's:

Address: 4801 Dressler Rd NW, Canton, OH 44718

Phone: (330) 492-6846

<http://yp.yahoo.com/py/ypMap.py?Pyt=Typ&tuid=4885358&ck=3815962174&tab=B2C&t>

[cat=8903827&city=North+Canton&state=OH&zip=44720-1550&country=us&msa=1320&cs](http://yp.yahoo.com/py/ypMap.py?Pyt=Typ&tuid=4885358&ck=3815962174&tab=B2C&t)

[=9&ed=MsZ2QK160SyPYx8761FF50iyyd3WtFpaGH8SHA50OU1aDf4h71PRCu4.zKfLVcGHdWIC&s](http://yp.yahoo.com/py/ypMap.py?Pyt=Typ&tuid=4885358&ck=3815962174&tab=B2C&t)

[tat=:pos:0:regular:regT:2:fbT:0](http://yp.yahoo.com/py/ypMap.py?Pyt=Typ&tuid=4885358&ck=3815962174&tab=B2C&t)

Jason Emperador

ASME CAM Section Chair