

**Executive Committee
2006-2007**

Chairman
Steve Russell
The Timken Co.
steve.russell@timken.com
330.471.2709

Vice Chairman
Charles Parrish
The Timken Co.
charles.parrish@timken.com
330.471.7279

Treasurer
Jeremy Webb
NC Consulting
webbj2@asme.org
330.829.9933 ext. 229

Secretary
(OPEN)
K.T. Reynolds (temp.)

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Mike Childerson
Greg Hollinger
David Yakubek
Bruce Allmon
Tim Seifert
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The American Society **ASME** of Mechanical Engineers
SETTING THE STANDARD

Canton Alliance Massillon Section News



Editor: Steve Russell

March 2007

ATTENTION CAM SECTION MEMBERS

PLEASE KEEP YOUR E-MAIL ADDRESS CURRENT

The 2006-2007 year is here and we are now all electronic. The Newsletters and other CAM Section information are available On-Line on our CAM Website (listed above). An email will be sent out when new information is uploaded to the website. 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. A hard copy of any information on the website is available upon request.

CAM Section March Event

Timken Faircrest Steel Plant Tour

March 28, 2007

Tour at 6:00pm - Space is limited, make reservations by March 26, 2007 - Optional dinner after tour

*** see page 2 for details ***

Upcoming CAM Section Programs

April Dinner Program

**Global Climate Change and
Technology Strategy**

Wednesday, April 18, 2007

Mr. Kiplin (Kip) C. Alexander

Senior Technology Manager - Advanced Technology
Development & Design

*** see page 3 for details ***

May Dinner Program

ASME President Elect: Sam Y. Zamrik

Thursday, May 17, 2007

The CAM Section is honored to have Prof. Zamrik speak on his perspectives as incoming President of ASME concerning the current organizational status and future plans for ASME's growth.

(Time and Location TBD)

The CAM Section Supports Local Student Groups and Competitions

For the 5th straight year, our section is sponsoring two special awards for the Ohio District 13 Science Day and Ohio Region 13 Science & Engineering Fair. The awards will be given to two projects that demonstrate "Outstanding Mechanical Application". For more information on the event, log onto <http://raider.muc.edu/Organizations/scienceday>.

We are also pleased to announce our future involvement with the Canton City Schools Robotics Club. CAM Section officers are currently in contact with the Club leaders evaluating ways we can help support the team. The CCS "Trobots" are competing in the Buckeye Regional FIRST Robotics Competition on March 22nd-24th. For more information about the team and to check out this year's competition entry, log onto <http://www.trobots.com/Timken>.

Chairman's Corner:

I encourage you to continue your professional development by attending the monthly events and programs. We are trying to choose events that are both interesting engineering topics and that qualify for CPD hours for our Professional Engineers. We continue to sponsor monthly programs for you, the CAM Section.

If you would like to get more involved in the section, please contact any of the officers for information on available opportunities.

Sincerely,
Steve Russell

CAM Section Board Meeting

Tuesday, April 3, 2007 @ 6:00pm
Timken Tech Center - North Canton (TEC-11)

In This Issue

- p.1 CAM Section ASME News
- p.2 March 07' Program Details - Tour
- p.3 April 07' Program Details - Dinner Mtg
- p.4+ National ASME News - March Info

ASME CAM Section – March Event Details

*** Timken Faircrest Steel Plant Tour ***

DATE: March 28, 2007

TIME: Arrival at Plant – 5:45pm, Tour Start – 6:00pm



DETAILS:

- Deadline to sign-up is March 26, 2007. Space is limited. Contact any of the CAM Officers to reserve your spot.
- For those interested, there will be an optional dinner / snacks at the Winking Lizard in Canton after the tour.

The tour will take 1½-2 hours and will require a great deal of walking, including many stairs and elevated walkways. To ensure the safety of all members of the group, sturdy, flat, leather shoes or boots must be worn. NO ATHLETIC FOOTWEAR, open-toed and high-heeled shoes are dangerous; therefore, prohibited as are shorts and tank tops. Skirts or dresses are impractical when walking on the elevated walkways; pants are required. Pants and long sleeved shirts are required whenever within 50 ft of the furnace. Guests with pacemakers should be made aware that there are magnetic fields present in the steel making areas. Children younger than 12 years old are prohibited.

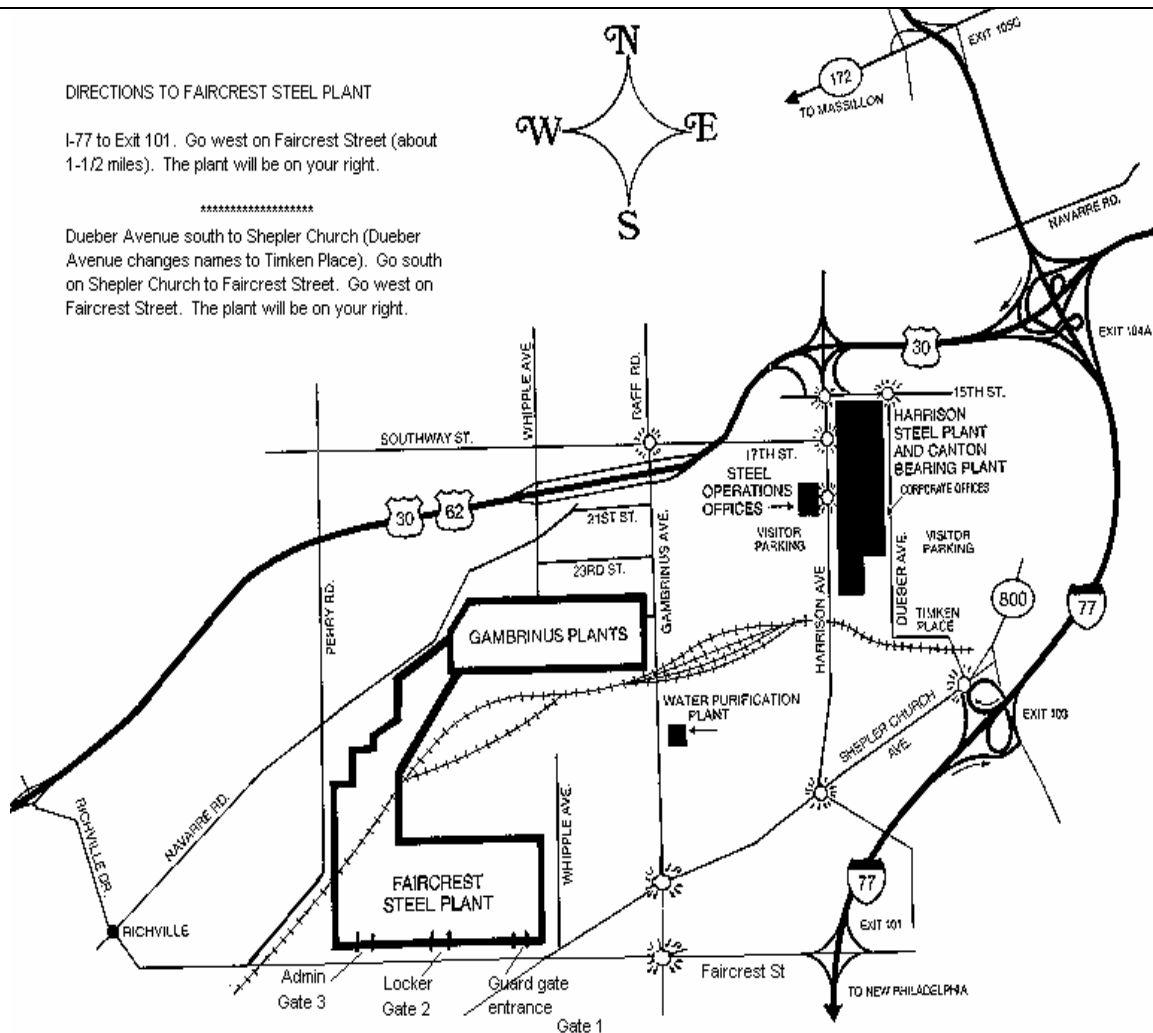
Please use the Gate 2 entrance on Faircrest Street as indicated (LOCKER) on the below map. You may park anywhere in the lot. Proceed to the central locker area where you will be met by your tour guide and receive required safety equipment. The central locker room is the gray building with the flagpole on the West side. Please use the phone located at the gate to call the Security Guard for plant access.

No video recording or cameras are permitted.

DIRECTIONS TO FAIRCREST STEEL PLANT

I-77 to Exit 101. Go west on Faircrest Street (about 1-1/2 miles). The plant will be on your right.

Dueber Avenue south to Shepler Church (Dueber Avenue changes names to Timken Place). Go south on Shepler Church to Faircrest Street. Go west on Faircrest Street. The plant will be on your right.



ASME CAM Section – April Program Information

***** Global Climate Change and Technology Strategy *****

Guest Speaker: Mr. Kiplin (Kip) C. Alexander

1 CPD Hour Offered

DATE: April 18, 2007

TIME: TBD, Typically: Dinner – 6:30pm, Program – 7:30pm

LOCATION: TBD, Currently reviewing area restaurants and banquet facilities

ABSTRACT:

Global climate change is increasingly debated in public forums around the world. While the debate rages, it now appears certain that voluntary and legislative actions will be taken in the near future to begin the long term task of slowing and even halting the growth in carbon emissions. The presentation will give a perspective on some of the facts behind the issue, and the future technologies being considered for coal-fired power plants to limit carbon emissions.

ABOUT THE SPEAKER:

Mr. Alexander has 27 years of experience in power generation at the Babcock & Wilcox Company. He has primarily been involved with technical design and management, with emphasis on new technologies. Kip has also participated in strategic business planning and information technology strategy at the company level. He currently manages the Advanced Technology Development & Design department, responsible for new product planning and development, as well as engineering process improvement. Kip received a Bachelor of Science degree in Mechanical Engineering from the University of Michigan and a Masters degree in Business Administration from Kent State University.

Additional details will be communicated to the section as they become available.

ASME Names New Face of Engineering for 2007



Aviva T. Bieler, a mechanical engineer at the Port Authority of New York & New Jersey, was honored among the New Faces of Engineering during Engineers Week 2007.

The Cooper Union graduate has focused on the redevelopment of the World Trade Center site, where she was instrumental in developing the air conditioning and smoke control systems for station platforms at the World Trade Center Transportation Hub. She is also currently involved with the design of the tunnel ventilation system for the Port Authority Trans-Hudson (PATH) line.

Recently, Bieler and 14 other New Faces representatives received national recognition when they appeared in USA Today.

New Faces of Engineering is an international recognition program aimed at promoting the accomplishments and contributions of young engineers, 30 years of age or younger, while creating awareness of the impact that engineers have on our daily lives.

MARK YOUR CALENDARS!

ASME 2007 Early Career Forums & Fairs

Don't miss the opportunity to network with peers and get practical advice and information on issues relevant to your developing engineering career.

These events consisting of career fairs and panel discussions from successful industry experts and senior-level engineers will increase your awareness of trends and career opportunities in the engineering profession.

Career Fairs will feature companies hiring engineers and other opportunities. Get more information about the Forums & Fairs and important information for US Citizens traveling to Canada in 2007 visit:

http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm

Montreal, Canada - May 13, 2007 (At ASME Turbo Expo)

Toronto, Canada - June 10, 2007 (At ASME Summer Annual Meeting)

Seattle, Washington - November 11, 2007 (At ASME International Mechanical Engineering Congress & Exposition)

ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin St. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.

For more information, visit: http://www.asme.org/Communities/Technical/BPE/Bioprocess_Activities.cfm



Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

Currently, the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the Members Only website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)
- Product Management (Product Management Series)

To get started, please visit www.professionalpractice.asme.org.

Call for Submissions: The Local Scoop!

Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

If your District or Sections are planning or have completed some event or activity that you would like to share with the general ASME membership, contact Marina Stenos at stenosm@asme.org. You can either provide the information directly, or give us a contact person and we will follow up.

Student Activity Calendar

April

March 30-April 1

Student Prof. Development Conference, District B, Ann Arbor, MI

Student Prof. Development Conference, District C, West Lafayette, IN

Student Prof. Development Conference, District D West, Reno, NV

Student Prof. Development Conference, District D East, Moscow, ID

April 13-14

Student Prof. Development Conference, District E North, Tulsa, OK

Student Prof. Development Conference, District E South, Edinburg, TX

April 14

Student Prof. Development Conference, District A North, Hartford, CT

Student Prof. Development Conference, District A South, Newark, NJ

April 17-29 2007 Design of Medical Devices Conference

April 30-May 3 Offshore Technology Conference (OTC)

May

May 14-17 Turbo Expo, Montréal, Quebec, Canada

Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals.

The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

Not familiar with the ASME e-library? It's a collection of 75 interactive technical references, available free to members. Use it anytime for answers to your technical questions, 24/7, anywhere you have an Internet connection.

To find out more about the library – or to sign up and login, just go to
<http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.

Member:

http://info.knovel.com/ASME/ASME_professional_quiz.htm

Student:

http://info.knovel.com/ASME/ASME_academic_quiz.htm



The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession. ASME takes great pride in its Fellows Program and encourages the nomination of ASME members to Fellow Grade. Any ASME member can submit a nomination for Fellow.

For additional information on ASME's **Fellows Program** visit:

<http://www.asme.org/Governance/Honors/Fellows/Fellows.cfm>