

Volume 17, Number 1

<http://sections.asme.org/pgh/>

Pittsburgh Section Calendar

October 9, 2009 – Executive Committee Telecon

October 15-18, 2010 – SHOT Annual Meeting
(Location - Pittsburgh Hilton)

Late October / Early November – Student /
Professional Mixer (Location – Carnegie Mellon
University)

November 11, 2009 – Joint Meeting with ASQ
(Location – Boltech HQ, North Versailles)

December 4, 2009 – Chain Reaction Contraption
Contest (Location – Carnegie Science Center)

January 16, 2010 – Pittsburgh Regional Future
Cities Competition (Location – Carnegie Museum)

February 14-20, 2010 – National Engineers Week
(Location – Carnegie Science Center)

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PLEASE PRINT AND POST

Society for the History of Technology Annual Meeting



The Society for the History of Technology (SHOT) is the leading international group of academics and engineers interested in technological history. SHOT is having its annual meeting in Pittsburgh this year, October 15-17, 2009. The conference will include papers and panels on many aspects of technological history, including work on the history of mechanical engineering.

SHOT is offering a special one-day conference registration of \$30, an introductory offer targeted to practicing engineers.

For more information about the conference, please go to http://www.historyoftechnology.org/annual_meeting.html

The current schedule of papers and sessions is at: http://www.historyoftechnology.org/pittsburgh/pittsburgh_sessions.html

To register for the conference, please go to http://www.historyoftechnology.org/pdf/pittsburgh_registration.pdf

Please note that this one-day registration category is not shown on the registration form; simply note it underneath the category sections and you will be registered accordingly.

See inside for further details.



Message from the Chair



Dear Members,

Welcome to a new year for the Pittsburgh Section! We trust that your summer was good and that you're looking forward to the changing of the season. The Pittsburgh Section is working on a number of activities (joint meetings with other Society Sections and tours, just to name a few) and we are looking for your participation!

We already had our first tour this year: Kennywood. It was so well received that we had two tours! All participants had a great time and we thank the staff at Kennywood as well as the Pittsburgh Section tour guides for their hospitality and assistance.

A special event is coming to Pittsburgh this month: the 2009 Annual Meeting of the Society for the History of Technology. We have been asked to promote this event and it looks to be very interesting. The meeting will be held at the Pittsburgh Hilton over October 15th through the 18th. The SHOT is helping first-time attendees with a reduced registration fee. See inside this newsletter for more details.

Then, later this month or early next month will be the Fall Student / Professional meeting at Carnegie Mellon University. More information is yet to come and we'll pass it along as soon as the details are settled.

Finally, I encourage you all to renew your membership with ASME for the next year. If you are interested in becoming more involved with the ASME Pittsburgh Section, please contact me or any of the Executive Committee members.

Regards,

Ron Kalnas

ASME Pittsburgh Chair 2009 – 2010

rskalnas@earthlink.net

Executive Committee Meeting

The next Executive Committee meeting will be something new: a telecon. For information on participation please contact any Executive Committee member.

If you wish to become involved with the ASME Pittsburgh Section, please contact Ron Kalnas at rskalnas@earthlink.net or any member of the Executive Committee.

SOCIETY FOR THE HISTORY OF TECHNOLOGY ANNUAL MEETING

Pittsburgh, 15 - 18 October, 2009



“Hell with the lid off,” the “Smoky City,” the “Iron City,” the “Steel City,” the “City of Bridges,” the “Renaissance City”—Pittsburgh has been known by all of these appellations at one time or another. Today, however, Pittsburgh is often called “America’s most livable city.” It’s a place that has reinvented itself numerous times in its 250-year history, from frontier outpost to human organ-transplant pioneer. It has a great industrial past and a promising high-tech future. It is a city with a long tradition of technological, industrial, scientific, and medical innovation.

Defined by its complex geography, Pittsburgh is above all a welcoming community that values its traditions while striving to be at the cutting edge where it can. The region’s three rivers—the Allegheny, the Monongahela, and the Ohio—define the city’s most important features. These rivers have been important transportation routes since the 18th century. During much of the 19th and first half of the 20th centuries, the rivers also served as convenient dumps for sewage and industrial wastes that helped give Pittsburgh a bad reputation for its public health infrastructure. Today, as once-abandoned industrial “brownfields” are being transformed into new communities and new sites of post-industrial commerce, Pittsburgh’s rivers are being reclaimed as natural assets that define the community’s well-being. At the same time, the region is now honestly seeking to reclaim much of its history that planners in the mid-20th century literally sought to bury. Pittsburgh’s history—rise, decline, and renewal—is rich and waiting to be explored by you.

The Society for the History of Technology (SHOT) is having its annual meeting in Pittsburgh this year, October 15-17, 2009. SHOT is the leading international group of academics and engineers interested in technological history. The conference will include papers and panels on many aspects of technological history, including work on the history of mechanical engineering.

On behalf of major co-sponsors at Carnegie Mellon University and the Historical Society of Western Pennsylvania and all members of “Steeler Nation,” the Local Arrangements Committee welcomes SHOT members both old and new. A rich and varied program of tours and events have been put together that will expand your knowledge of Pittsburgh’s past and present while also entertaining you.

This year’s meeting will be held at the Pittsburgh Hilton, conveniently located in the heart of downtown, directly across the street from Point State Park which marks the confluence of the Allegheny and Monongahela to form the Ohio River.

Brian Hayes, 2006 Sally Hacker Prize winner and Senior Writer for the American Scientist is this year’s plenary speaker. His talk is entitled “Industrial America Seen Through a Chain-Link Fence.”

For more information about the conference, please go to <http://www.historyoftechnology.org/annualmeeting.html>

The current schedule of papers and sessions is at <http://www.historyoftechnology.org/pittsburgh/pittsburghsessions.html>

To register for the conference, please go to <http://www.historyoftechnology.org/pdf/pittsburghregistration.pdf>

SHOT is offering a special one-day conference registration of \$30, an introductory offer targeted to practicing engineers. Please note that this one-day registration category is not shown on the registration form; simply note it underneath the category sections and you will be registered accordingly. While it is possible to sign up on-site at the Pittsburgh Hilton, we are asking you to register in advance so that we ease the work on our volunteers.

We hope to see you at the conference - a great occasion for engineers and historians of technology to come together to enjoy and advance our shared interests.

For further details, please contact

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Chair

ASME History & Heritage Committee

Life Fellow, ASME

SHOW YOUR SUPPORT FOR ASME

If you sponsor ASME Pittsburgh, we will feature your company's products and services in our newsletter. For \$300 you can capture the attention of 1500+ fellow members and inform them of your company on a full page in one issue. For \$180 your company will be featured in ½ page; for \$95, ¼ page; for \$70, 1/8 page and for \$50 a business card sized space.

Nominate an Engineer for the 2010 Old Guard Early Career Engineer Award!

Recognize an outstanding early career engineer who actively involves themselves in the engineering profession, their communities, and the work of ASME. Application deadlines are February 1 annually. Submit your nominations today!

Visit <http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf> for more details.

Call for Mentors! EMentoring - Opportunities for Early Career Engineers.

Mentors are a great way to gain knowledge and learn from the experiences of experts in your field. ASME offers an e-mentoring service right at your fingers!

To learn more and sign up for mentors, or to register to become a mentor, log onto http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm or contact Noel Netel at neteln@asme.org



Carnegie Mellon

Looking for Engineering Mentors at CMU

Only nine percent of American engineers are women. And only twenty percent of engineering degrees are earned by women. There are a number of reasons why the number of women in engineering is low. One of those reasons is a lack of role models and access to females who have earned and utilized engineering degrees.

You can make a difference in the education and career of female students in their first year of study at Carnegie Mellon. We are looking for ten women to mentor female engineering students. As a mentor you will help a student learn to develop supportive relationships, provide career guidance, build a professional network, build confidence, and gain valuable academic advice (this does not include tutoring or job prospecting).

To learn more about this new program and how you can participate, please contact JoAnn Truchan (412-578-7981; jtruchan@achd.net).

**Do you have an idea for a Program or Tour for ASME
Pittsburgh?**

If so...

Contact any Executive Committee Member to start planning! We want to know what you would like to see!

CALL FOR VOLUNTEERS!



The Chain Reaction Contraption Contest (CRCC) is a spirited competition for students in grades 9-12 and is one of the exciting National Engineers Week events. The CRCC fosters an interest in engineering by challenging students to create a machine that will accomplish a specific task using a series of steps. The CRCC is sponsored by Westinghouse Electric Company, and presented in cooperation with the Carnegie Science Center and the Engineers' Society of Western Pennsylvania.

The 2009-2010 task is to construct a building!

Under the guidance of an engineer mentor (optional) and a teacher sponsor, teams will:

- Submit a preliminary design drawing.
- Submit a series of progress photos that show the machine's evolution.
- Build a machine that accomplishes the assigned task.
- Demonstrate their machine and make a verbal presentation.

The CRCC will be held on Friday December 4, 2009 at the Carnegie Science Center. It is on this day that the students will demonstrate their machine and make the verbal presentation.

The CRCC Official Handbook contains background information on the contest. It also contains information on this year's challenge, rules, important dates and forms.

For more information, to register a team, or to volunteer to serve as a judge or engineering mentor, contact Lisa Kosick, Carnegie Science Center, 412-237-1534, kosickl@CarnegieScienceCenter.org or Chris Savinda, Westinghouse, savindc@westinghouse.com.

Executive Committee 2009-2010 – Pittsburgh Section

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