
Geometric Dimensioning & Tolerancing Seminar

Where: Crown Center, 5005 Rockside Road, Independence, OH (Rockside Road at I-77)

When: Thursday, February 4th, 2009; 12:30 - 4:30 PM

Cost: \$100. Prepaid only.

Send payment to ASME Cleveland Section %o Steve Weiler P.O. Box 593 Berea, OH 44017
This seminar fulfills 4 CPD hours.

This seminar provides a basic understanding of the principles of geometric dimensioning and tolerancing (GD&T). The seminar will highlight GD&T's capability to communicate design intent and how these concepts impact design, fabrication, inspection and assembly.

Numerous examples will help explain the concepts and illustrate the "real world" applications. Topics covered will include:

- * Datum planes, axis, points, and datum targets
- * Geometric interpretations of inner and outer locus
- * Use of gauges to explain inner and outer locus and virtual condition
- * Datum sequencing and qualification practices
- * Cast datum recommendations
- * Datum details that matter
- * Feature control frames - virtual condition, geometric symbols, and modifying symbols
- * Assessing complex drawings with GD&T accurately
- * Stacks analysis

Upon completion the participants will have working understanding of basic GD&T principles. The course is taught consistent with ASME Y14.5M-1994.

About the instructor: Malcolm G. Robbie, P.E., has over 30 years of experience and is currently involved in the development of space flight hardware for NASA's ARES 1 upper stage. He has given many in-company training sessions over the past six years for Aerospace, Military and other industries. He has taught seminars that have covered basic GD&T, Advanced GD&T, and Stacks analysis for engineering, design, and inspection personnel.

Notes: Soft drinks and a light snack will be provided during a break in the afternoon.

There is a limit of 55 attendees so please send your payment early to insure a spot.

If you have any questions, please contact Mike Sturdevant at 440.352.8970 or sturd@virtecenterprises.com



Cleveland Auto Show Meeting
with
Al Unrein - Crawford Air / Auto Museum Curator

Monday March 2, 2009
Presented by the Cleveland Sections of ASME, SAE, and STLE

Al is well known for encyclopaedic knowledge of older automobiles. He will give a presentation entitled *The Forerunners of the Modern Auto*. Following the presentation he will give a tour in the main exhibit hall with special emphasis on an attraction created by the Crawford Auto Museum entitled *Roaring Twenties*.

Times as follows:

5:30 to 6:00 PM - Registration and ticket sales.

6:00 PM to 7:00 PM - Dinner

7:00 PM to 8:00 PM - Presentation and society business.

8:00 PM to show close - Allan Unrein guided tour of Crawford 'Roaring Twenties' exhibit.

Where: IX Center Seminar Area

When: Monday, March 2nd, 5:30 pm to Close

Cost: Dinner Pricing TBD. Admission to show not included and available separately.

For the latest info, please see our web site: <http://sections.asme.org/Cleveland/>

or call SAE representative Bob Tupa at: (216) 524-4287

**2008 – 2009
ASME OFFICERS &
COMMITTEE CHAIRS**

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See the e-version of the Newsletter on the Section Web Site for the following articles: (<http://www.asme.org/sections/cleveland>)

More articles and news in the e-version newsletter.

2008 / 2009 Changes

Note that group of officers and committee chairs for 2008 / 2009 has changed very little.

In other news there will be NO printed newsletter this year. There may be a post card mailing in January of 2007. The only way to get the local newsletter will be on line or via e-mail. See the note below if you are truly computerless.

Attention Computerless Members!

Due to rising costs and tighter budgets there will no longer be print versions of the newsletter. You are encouraged to read the electronic version of this monthly newsletter at <http://sections.asme.org/Cleveland/>. You must contact ASME customer service at 1-800-THE-ASME (843-2763) and give them an e-mail address so that you can receive e-mail notifications that the monthly newsletter is available for viewing on the section website.

Newsletter Deadline for NES, Features or Advertisements is the 20th of each month.

Membership Applications for ASME Organization

Cleveland Section ASME members are encouraged to invite their nonmember colleagues to join ASME. Applications can be downloaded from the ASME International website @ <http://www.asme.org/jointoday/>



The American Society of Mechanical Engineers
Cleveland Section
3100 Chester Avenue
Suite 216
Cleveland Ohio 44114-4683

Dated material
Do not delay!

Engineering in the Global Market: Keys for Success



The 2009 ASME Annual meeting, under the theme, “Engineering in the Global Market: Keys for Success,” will bring together an outstanding line-up of speakers, comprised of senior executive and engineers from around the globe, who will draw upon their experiences to share winning strategies and critical skills that are the keys to your companies’ success in the global market.

The agenda for the meeting also offers numerous opportunities to earn professional engineering credentials and fine-tune your management skills to advance your career.

The 2009 ASME Annual Meeting will be held June 13–17, at JW Marriott®, Palm Desert, California. The meeting's program consists of plenary sessions, seminars, professional development sessions, and a Career Expo.

Based on the theme “Engineering in the Global Market: Keys for Success,” the meeting will enable engineers to gain insight about managing in global engineering markets. Topics to be covered will include global collaboration and partnerships; effectively managing a global supply chain; development of universally applicable codes and other keys to success in today’s global engineering market.

The plenary sessions are titled “Winning Strategies for Global Engineering: Product Processes and Productivity,” “Global Partnerships and Collaborations: Best Practices and Lessons Learned” and “Enhancing Your Knowledge of Global Trade: Codes and Standards as a Gateway to Global Markets.” Each plenary session will run for 90 minutes and will feature expert commentary from CEO and vice president-level corporate decision-makers, academic scholars, and business consultants. Andrew W. Reynolds, Deputy S&T Adviser to the Secretary of State, U.S. Department of State, will chair and moderate the plenary sessions. Reynolds has led strategic planning efforts addressing science, engineering and technology issues in foreign policy and within the U.S. government.

Seminars will explore the subjects treated in the plenary sessions, although in greater depth. The 75-minute workshops will provide a forum for questions and answers between speakers and attendees.

The professional development program at the meeting will focus on building career skills that are critical to success in the global marketplace. You can earn up to 14.5 PDHs for attending the meeting.

For information, visit www.asmeconferences.org/annualmeeting09 or call (866) 519-1299.

ASME E-Library

The ASME E-Library is a members-only benefit that allows you to access online collections of engineering reference books to help you answer questions and find practical solutions to daily on-the-job problems.

As an added bonus, the ASME E-Library is powered by Knovel, whose interactive and user-friendly technology gives you the ability to manipulate and search for content across the entire collection quickly and easily.

To learn more, go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

2009 Leadership Training Conference

The 2009 Leadership Training Conference (LTC) will take place from March 5-8, in Los Angeles, Calif. The LTC provides ASME unit leaders and key committee personnel with an opportunity to learn crucial skills and network with other units important to the successful operation of the Society. The LTC will include:

- An overall view of the Society's organization and activities and resources
- Leadership skills training to help you succeed in leading your ASME unit
- Idea Mart – a new and improved mini expo featuring communities, units and sectors from across ASME
- Parallel tracks for first timers (ASME 101), and more seasoned leaders (Advanced Leadership Forum)
- An opportunity to network with other leaders and ASME staff
- A forum for sharing ideas and best practices

Why You Should Attend:

LTC training will help you to -

- Prepare for future challenges
- Share best practices and ideas
- Improve communication, team leadership, and project management skills
- Bring innovative ideas back to your workplace

Who should attend?

- Incoming or perspective Executive Committee officers (unit leaders)
- Unit leaders who have never attended an LTC or ASME training seminar and those who are assuming key positions
- ASME volunteers who have served as members of a unit Executive Committee or Operation Board for several years, are ready for more advanced training and have NOT previously attended more than one prior Leadership Training Conference
- Early Career Engineers. ASME is looking for bright, energetic Early Career Engineers interested in volunteering their time for the Engineering Profession. Selected applicants will be funded to attend the Leadership Training Conference. To find out more and to apply for this opportunity, visit http://www.asme.org/Communities/EarlyCareer/Leadership_Training_2.cfm, on the Early Career Center page.

Section, Division and Institute leaders have been asked to identify candidates from their respective units. We encourage incoming leaders from across the society to self-fund delegates since the wide range and number of workshops is best suited for a delegate team from a unit.

For more information on the LTC, visit <http://www.asmeconferences.org/ltc09/>.

2009 Human Powered Vehicle Challenge

HPVC East Hosted by Drexel University, Philadelphia, PA, April 17-19, 2009
HPVC West Hosted by Portland State University, Portland, OR, May 1-3, 2009

The 2009 Human Powered Vehicle Challenge is just around the corner! Spread the word!

Human Powered Vehicles are aerodynamic, highly engineered vehicles that may be for use on land, in the water or the air. The Human Powered Vehicle Challenge (HPVC) encourages students to design and construct an environmentally friendly vehicle that is fast, sleek, and safe and can be used for everyday activities. The point of the competition is to showcase the elegance and ingenuity of design, including presentation, practicality and safety.

To learn more about the HPVC and to register, please visit our website: www.asme.org/hpv.



Early Career Engineers: The ASME Foundation Needs Your Help!

If you seek an energized and productive way to volunteer your time within ASME, look no further. The ASME Foundation has an opportunity for you! Have you ever wondered about the role the Foundation plays in ASME program activities? Are you interested in the basics of non-profit organization activity and fundraising?

The ASME Foundation is looking for a small, dynamic group of young engineers who can not only learn from us, but from whom we can learn the Early Career Engineer perspective. How can we reach out to this influential group in the most powerful and effective way? How can we fundraise to young engineers? How can we keep you engrossed in ASME on this particular volunteer level?

Thoughts or comments? Visit our web site at www.foundation.asme.org, then give us a call!

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

Tomorrow's ASME Leaders:

Are You Ready for the Challenge?

Do you feel strongly about the direction you would like ASME to take? Are you passionate about new ideas and initiatives? Are you ready to step up and lead? If so, why not become an ASME leader today!

Consider running in June 2009 for the following offices:

ASME president — one-year term

Board of Governors member — three-year term

Vice President of Professional Development, Practice & Ethics (Centers Sector)

Vice President of Public Awareness (Centers Sector)

Vice President of Standardization and Testing (Codes and Standards Sector)

Vice President of Affinity Communities (Knowledge and Community Sector)

Vice President of Financial Operations (Knowledge and Community Sector)

The interview schedule for proposed nominees and their supporters is as follows:

Sun., June 14: Vice Presidents (afternoon)

Mon., June 15: Vice Presidents (morning and afternoon)

Mon., June 15: Board of Governors (afternoon and evening)

Tues., June 16: Presidents (morning)

Visit the Nominating Committee website for information on the "How-to" guide when running for Society Office. http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm or contact RuthAnn Bigley at bigleyr@asme.org.