

The American Society of Mechanical Engineers - CAM Section
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CAM NEWSLETTER

Canton - Alliance - Massillon Section
November 2001, Volume 53, Issue 2

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CAM Section Homepage:

<http://www.uakron.edu/asme/cam.html>

Board or Committee Members

Mondays, at either 6:00 p.m. or 6:30 p.m. at Stark
State College ATC Room 114, or otherwise specified

November 19, 2001	March 11, 2002
January 14, 2002	April 15, 2002
February 11, 2002	May 20, 2002

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2001-2002**

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CJEC
Brian Werner

House/Attendance
John Dougherty

**College Relations &
Vocational Services**
OPEN

**Electronic
Communications**
Timothy A. Fuller

Fellowship & Welfare
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Finance & Budget
Greg Hollinger

**Government Relations /
Ohio Council**
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History & Heritage
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Honors & Awards
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Member Initiative System
Jeff Gaidos

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Membership Development**
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Minorities & Women
Kathy Grant

**Newsletter/Public
Relations**
Jason Emperador
Steve Russell

Nominating
Norm Moore

**Professional
Development**
OPEN

Program
John Dougherty

Unemployed Members
OPEN



ASME International

CAM Section News

Volume 53 Issue 2, November 2001



November's Featured Program

Titled:

PROTECT IT, OR LOSE IT:

What Every Engineer Should Know About Protecting Intellectual Property

This month's presenter is a fellow CAM section member and Treasurer, Kathy Grant. Kathy is an Engineering Advisor and Patent Agent with the Babcock & Wilcox Company and she will present a practical introduction to the basic legal framework available to protect the four general types of intellectual property.

? Please see page 2 for more details on the November program.

Committee Notes

The Nominating Committee is now taking nominations for the '02-'03 Officers. If you are interested in a leadership position in our local chapter, contact Norm Moore by e-mail at nmoore@timken.com, or by phone at 330-471-2649.

November Board Meeting

DATE: Monday, November 19th

TIME: 6:00pm

LOCATION: Stark State College –
Advanced Tech. Center, Rm. 114

Upcoming Community Service Event

Walsh University will be sponsoring the 2002 Ohio District 13 Science Day and 2002 Ohio Region 13 Science & Engineering Fair on Saturday, March 23, 2002. We would like to extend an invitation to you and your colleagues to serve as judges at the Science Day. The 2001 Science Day consisted of 260 projects with 311 students. For more information, please contact Dr. Thomas Freeland at 330-490-7228 or e-mail tfreeland@walsh.edu, or Carol Russell, faculty secretary at 330-490-7362, or e-mail crussell@walsh.edu.

November Program

PROTECT IT, OR LOSE IT:

What Every Engineer Should Know About Protecting Intellectual Property

Intellectual property is a product of the human intellect that has commercial value. It is often among the most valuable assets of a modern company, and can be a potent competitive weapon. Like tangible property such as inventory and equipment, intellectual property can be bought or sold, lost or stolen.

Kathy Grant will present a practical introduction to the basic legal framework available to protect the four general types of intellectual property - patents, copyrights, trade secrets and trademarks.

Join us on November 12 to learn more about:

- ? What makes a good trade secret
- ? Why a trademark should NEVER be used as a noun
- ? Why the government issues patents and trademarks
- ? The four requirements for patentability
- ? The three events that can prevent patentability
- ? How to keep a disclosure from destroying patent rights
- ? When patent protection doesn't make sense
- ? Tips for keeping good invention records
- ? Why a copyright notice is no longer required, but should still be used

Kathy is an Engineering Advisor and Patent Agent with the Babcock & Wilcox Company, a leading provider of power generation and pollution control services and equipment. She has over 18 years' experience in protecting intellectual property, and is registered to practice before the US Patent Office.

PROGRAM DETAILS:

- ? The November Program, "PROTECT IT, OR LOSE IT", will take place on Monday, November 12th at the Holiday Inn, Belden Village on Dressler Rd.
- ? Dinner will be served at 6:00pm and the program will follow at 7:00pm.
- ? Cost for the evening is \$10.00.
- ? All guests and non-ASME members are welcomed.

- ? Please reserve your seat by contacting John Dougherty no later than 6:00pm on November 6th. John can be reached by phone at 330-471-2066, or by e-mail at doughjd@timken.com.



2001 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION

New York City

Focus on Nanotechnology

Explore the design, synthesis, manipulation and control of micro- and nano-scale systems with an array of technical sessions and special presentations, including:

Nano-Structures and Nano-Scale Devices
Miniature Energy Systems
Nano- and Micro-scale Modeling and Technology for Electronic Packaging
Nano- and Micro-Mechanics
Microelectromechanical System Micro-Fluidics
Advances in Applied Mechanics for New Technology

For More Information, log onto:

<http://www.asme.org/congress>

Young Engineers Award

ASME International wants to give \$5,000 plus a prepaid life membership to a young ASME member that has done an outstanding job in their profession, community and the work of ASME. **Nominate a Young Engineer** for the Old Guard Young Engineers Award Today!

<http://www.asme.org/cma/og/youngengineer.html>.

National Engineers Week 2002

ASME members wishing to concentrate specifically on mechanical engineering during E-Week should consider contacting Information Central at (800) 843-2763 to obtain copies of various ASME-produced videos aimed at K-12 students.

The videos are accompanied by lesson plans, posters, handouts and other presentation materials. Available videos include *Engineering is for Everyone*, for elementary schools, *Mothers of Invention* for middle schools, and *Career Encounters: Mechanical Engineering* for high schools.

E-Week 2002 planning kits will be available from Information Central in November.

Partners In Mechanical Engineering Grants Available!

Sponsored by the board on Minorities and Women (BMW), the Partners in Mechanical Engineering program provides funding on a first-come, first-served basis to ASME Sections for projects and/or activities that support collaboration with local sections or chapters of organizations that support women and underrepresented minority group in engineering.

Grants range from \$500 to \$1000 depending upon the size and scope of the project or activity. Proposals may be submitted at any time of the year.

To request a copy of the application form, contact Mary James Legatski in the ASME Washington Center at 202-785-7380 or at legatskim@asme.org. An application may be filed on-line at www.asme.org/bmw/partners.html.

2001-2002 Member-Get-A-Member Campaign

Invest in the Future of Mechanical Engineering

Help ASME International serve the needs of the mechanical engineering community by sponsoring new members. With each new member, you recruit, 50% of the first year's dues will be spent on scholarships for mechanical engineering students.

For complete program details, log onto <http://www.asme.org/membershipdrive>

YOUNG ENGINEERS FORUM

Sunday, Nov. 11, 2001
9 am – 5 pm
Hilton New York Hotel

Don't miss the 20th Young Engineers Forum in New York City at the 2001 International Mechanical Engineering Congress and Exposition.

The YEF program will:

Highlight issue that impact the Mechanical Engineering profession.

Help you strengthen your skills and develop expertise in building a successful career.

Present real-life learning through interactive presentations and a panel discussion with successful professionals.

Log on for more details
<http://www.asme.org/yef/program.html>

Want to develop your skills and talents and move up the career ladder? Then choose ASME International's **ASME Virtual Campus: Graduate Courses Online** option.

Enroll in the virtual campus and choose from a wide range of Graduate Certificate and Masters Degree programs, as well as credit and non-credit courses.

For a complete listing of courses, visit us on the Web at www.asme.org/asmevirtualcampus/ or call Thomas Kuehl at 212-591-8013 (kuehl@asme.org) or Kathy J. Warner at 212-591-7411 (warnerk@asme.org).

ASME members receive a 10% discount; Non-members receive a 5% discount.

Influence the Future of Engineering – Become a Mentor

- ? Influence the career and academic choices of student engineers
- ? Help young engineers find their way in the profession
- ? Contribute to the future of mechanical engineering

For more information about mentoring, or to view the mentors already online, please visit www.asme.org/ementoring.

New Dimensions in Multidisciplinary Thinking: Issues, Trends, and Implications for Mechanical Engineers and ASME

The Committee on Issues Identification has released a new report that focuses on issues and trends that result from the expanded role of multidisciplinary engineers in all sectors of industry and government. It explores the nature of multidisciplinary engineering – where and how it is being employed – and examines its impacts on mechanical engineering practice, education, professional licensure and the research and development environment. Finally, the report considers the impact of multidisciplinary thinking generally on the field of mechanical engineering, and on ASME International as an organization serving the mechanical engineering profession. Copies of the report may be ordered through ASME Information Central at 1-800-THE-ASME (order #AF0201) or through the on-line Publications Catalog at <http://www.asme.org/catalog>. The cost is \$15 per copy for ASME members; \$20 per copy for non-members. For additional information, contact Mary James Legatski in the ASME Washington office at 202-785-3756 or at legatskim@asme.org.