

BENEFITS OF MEMBERSHIP

EVERYONE YOU WANT TO ...

MEET

EVERYTHING YOU NEED TO ...

KNOW

EVERYTHING YOU NEED TO ...

GROW

YOUR



SOCIETY OF
MANUFACTURING
ENGINEERS

Where Manufacturing Comes Together

Engineers

MEET KNOW GROW

Dilbert's One of Those

Dilbert - We Love You!!



Our Mission – The mission of SME is to acquire and distribute manufacturing knowledge among its members and the broader manufacturing community-
THIS INCLUDES THE ENERGY INDUSTRY!

Our Vision – Recognized globally as the premier source for manufacturing knowledge, education and networking

- **Goal 1:** Knowledge – SME will be the premier manufacturing knowledge resource throughout the global manufacturing community.
- **Goal 2:** Education – SME and the SME Education Foundation will be known as advocates for careers in manufacturing and a leading resource for manufacturing education.
- **Goal 3:** Membership – SME will actively engage people and companies in their communities of interest to add value for the member.
- **Goal 4:** Brand – SME's brand creates the image of the most valued source of manufacturing knowledge.
- **Goal 5:** Lean and Effective – SME will be both lean and effective.
- **Goal 6:** Knowledge Delivery – SME will deliver knowledge in ways that meet the needs of members and customers.

SME AT A GLANCE

MEET

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MEMBERSHIP: 23,000 individuals with an interest or passion for manufacturing

ENGAGEMENT PLATFORMS: 181 chapters in North America ♦ 20 chapters outside of North America ♦ 150 student chapters at educational institutions worldwide ♦ Technical Community Network containing 57 Technical Work Groups

MEMBERSHIP PROFILE: Mfg/Production/Industrial/Electrical/Quality/Design Engineers ♦ Educators ♦ Technicians ♦ Supervisors/Operators ♦ Sales Professionals ♦ Supply Chain Mgmt ♦ Procurement/Purchasing ♦ Finance/Cost Estimating ♦ Educators

INDUSTRIAL PROFILE: Educational services ♦ Machinery ♦ Fabricated metal products ♦ Transportation ♦ Medical instruments, equipment & mfg ♦ Electrical/electronics equipment & mfg ♦ Engineering services ♦ Wholesale trade ♦ Aerospace ♦ Petroleum ♦ Plastics ♦ Chemical

TECHNICAL FOCUS: Assembly ♦ Automation ♦ Machining ♦ Material Removal ♦ Stamping ♦ Forging ♦ Casting ♦ Molding ♦ Composites ♦ Fabricating ♦ Prototyping ♦ Industrial Laser ♦ Metrology ♦ Nano-Manufacturing ... and many other manufacturing processes



Where Manufacturing Comes Together

- A collaboration platform for PEOPLE, PROCESSES and IDEAS, designed to provide you with the most current information in your specialized manufacturing niche
 - Virtual and face-to-face meetings
 - Producing technical content for SME programs/events
 - Connect with peers and technical experts

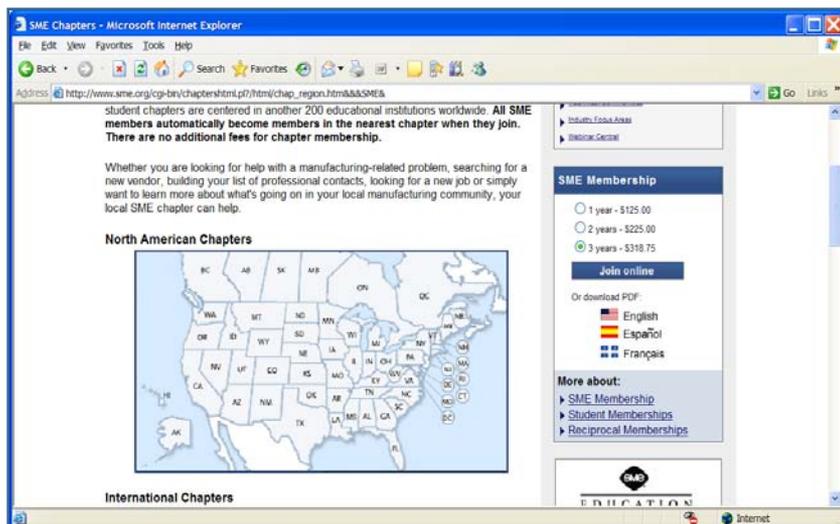


LOCAL CHAPTERS



Get to know manufacturing professionals in your own backyard

-  Social and professional networking
-  Plant tours
-  Technical presentations and training
-  Youth and family programs
-  Community involvement



-  200 Senior Chapters
-  Student Chapters at 200 educational institutions worldwide
-  International Chapters in over 15 countries



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www.sme.org/chapters

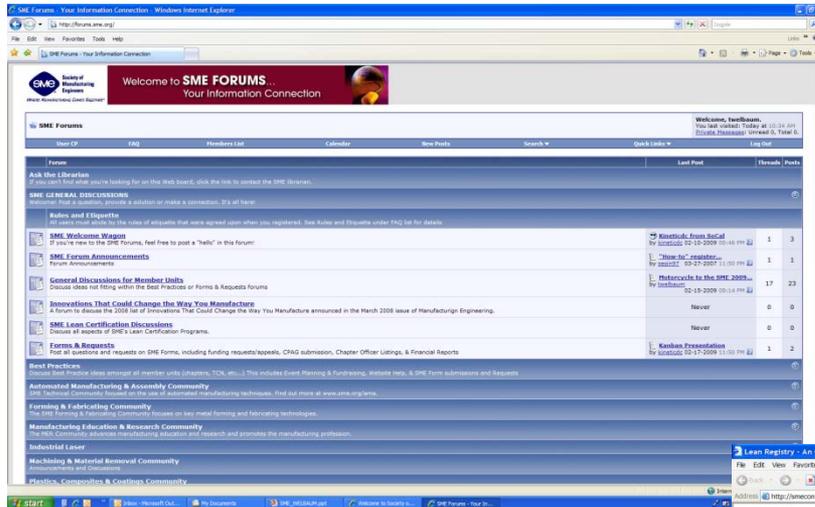
CYBER NETWORKING



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SME Online Forums, Lean Registry, LinkedIn, and Facebook



Connect
Share
Communicate
Create



INDUSTRY INITIATIVES

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- ◆ Address crucial industry topics (i.e. Lean transformation, advanced materials and processes, and much more ...)
- ◆ Connect with key manufacturers, suppliers, industry groups, and educators
- ◆ Collaborate with technical experts, process and equipment suppliers, and other resources
- ◆ Focus on creating technological advances and success within industries
- ◆ Develop new learning opportunities
- ◆ Dynamic events, strategic alliances, and informative publications



Welcome to SME's
WEBINAR CENTRAL



Webinars are live presentations, given by a technical leader, that you can take part in from your desk or conference room

- ◆ Participate from your desk or conference room
- ◆ All that is required is a phone and Internet connection
- ◆ Webinars are archived for future viewing by members
- ◆ A great way to distribute knowledge

PRINT PUBLICATIONS

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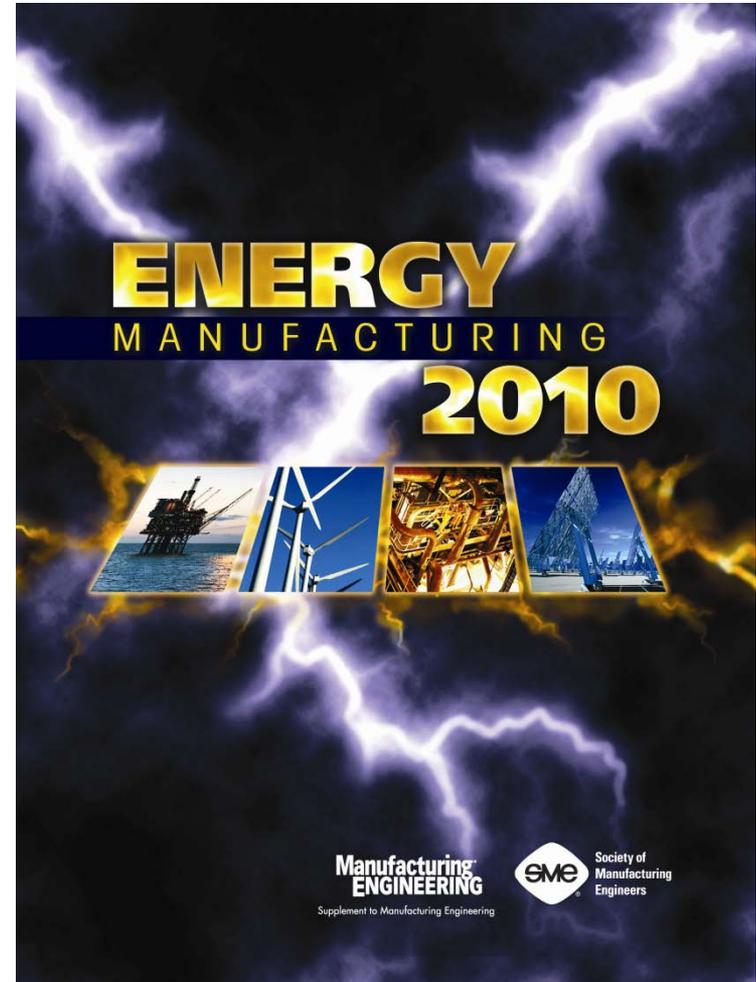
GROW

- Free subscription to the industry-leading monthly publication, Manufacturing Engineering Magazine® and its archived articles – a \$120 value
- A copy of each new Manufacturing Yearbook, such as Medical Manufacturing, Aerospace & Defense, Motorized Vehicle Manufacturing and Lean Manufacturing – a \$25 value
 - Overview of macro trends
 - Viewpoint articles by top management and senior engineers
 - In-depth technical features on the newest practices and technologies
 - Covers industry specific manufacturing at every level



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- [Sec. of Energy Steven Chu](#)
- [Application Aids Quality](#)
- [Composite Wind Turbine Manufacturers](#)
- [Want Energy?](#)
- [IBIS World Energy Report](#)



Digital Manufacturing Engineering magazine



-  The Digital Edition of *Manufacturing Engineering*[®] is an enhanced interactive magazine that replaces the online text-based version.
-  SEARCH & BOOKMARK pages of the magazine on your computer desktop.
-  WATCH FULL LENGTH VIDEOS directly in the digital magazine platform!
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Exclusive
Members Only
Benefit





SME's "Ask the Librarian"

WOW Carol,

You did GREAT! This is exactly what I was looking for! I really appreciate your efforts to pull this all together. I can now take key points and build the presentation we discussed.

Thank you so very much.

*Dave Gastel
DEG Components
San Jose, CA*

Online Resources

-  Associations
-  Books
-  Calculation & Conversion Tools
-  Dictionaries, Encyclopedias, Almanacs
-  Directories
-  Industry Standards and Specifications
-  Linda Hall Library
-  Manufacturing & Engineering Resources
-  National Technical Information Services (NTIS)
-  Market Research
-  Salary Surveys
-  Software
-  Statistics
-  Government

Free with membership, the SME "Ask the Librarian" is a \$40,000 research database that is always at your fingertips

Non-members have access for a \$50 per question fee

NAMRI SME[®]

North American Manufacturing
Research Institution of the
Society of Manufacturing Engineers

NAMRI/SME members:

- ✓ Advance technical innovations and new applications of leading-edge technology ...
- ✓ Network and present at the North American Manufacturing Research Conference (NAMRC) the international forum for applied research in manufacturing since 1973 ...
- ✓ Publish in the *Transactions of NAMRI* and *SME Journals*



- ◆ Automation and robotics
- ◆ Biomechanical systems
- ◆ Environmentally conscious manufacturing
- ◆ Human factors and man-machine interactions relating to processes
- ◆ Manufacturing systems, simulation, design, additive manufacturing
- ◆ Material behavior and tribology
- ◆ Metrology
- ◆ Nano and micro-scale systems
- ◆ Non-traditional processes
- ◆ Product life cycle management

Connect to advances in fundamental and emerging technologies in material removal, material forming, and areas in manufacturing modeling, simulation, monitoring and control systems.

SME Society of
Manufacturing
Engineers

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PROFESSIONAL CERTIFICATIONS

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Earned by more than 36,000 people



Engineering Management Certification Fundamentals
Engineering Management Certification Professional
Certified Manufacturing Technologist (CMfgT)
Certified Manufacturing Engineer (CMfgE)
Six Sigma Certification
Lean Certification (Bronze, Silver, Gold)

*Members receive
Hundreds of Dollars
in savings*



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JOBS CONNECTION

MEET KNOW GROW

- Employers search for highly qualified manufacturing professionals
- Job seekers post anonymous resumes
- SME members float to the top, especially those who are certified

ONLINE CAREER TOOLS

- One-on-One Career Coaching
- Ask the Career Expert
- Links, Articles, and Resources



Couple Jobs Connection with “Ask the Librarian” for a winning combination.

As of April of 2009, the unemployed can renew their membership or join SME at the reduced rate of \$30 per six month period. Contact our Customer Care at ... 313.425.4500 ... and they will personally assist you.



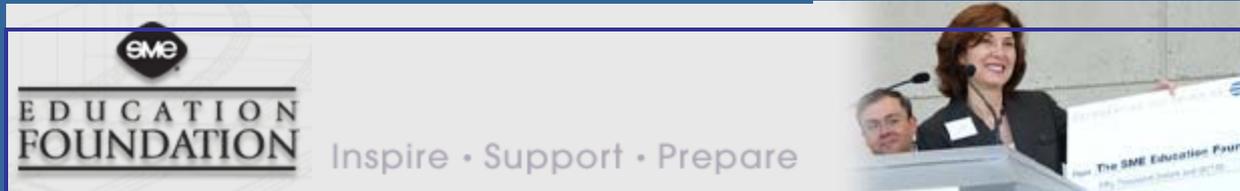
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FAMILY SCHOLARSHIP FUND

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The SME Education Foundation seeks to support the children or grandchildren of SME members, and to encourage their pursuit of careers in manufacturing engineering and technology. This highly competitive scholarship, made possible by the E. Wayne Kay Scholarship Fund, will be awarded to students who demonstrate academic excellence and an interest in manufacturing engineering or related technology.

Three scholarships awarded annually. One is a four-year award valued at \$80,000.

YOUTH AWARENESS OF MANUFACTURING

MEET

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-  SME provides information, tools and opportunities for students to learn about manufacturing and the exciting, satisfying, lucrative career opportunities it offers
-  The SME Education Foundation impacts more than 15,000 K-12 students each year



www.smeef.org

www.manufacturingiscool.com



Where Manufacturing Comes Together

- ✓ **What does the Society of Manufacturing Engineers provide for the Energy industry?**
- ✓ **What can manufacturing engineers and energy engineers do better together?**
- ✓ **How much better would your energy assessments be if you had a team member with manufacturing knowledge to work with?**

FOR MORE INFORMATION

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