
Newsletter Greenville Section

October 1997 Meeting Notice

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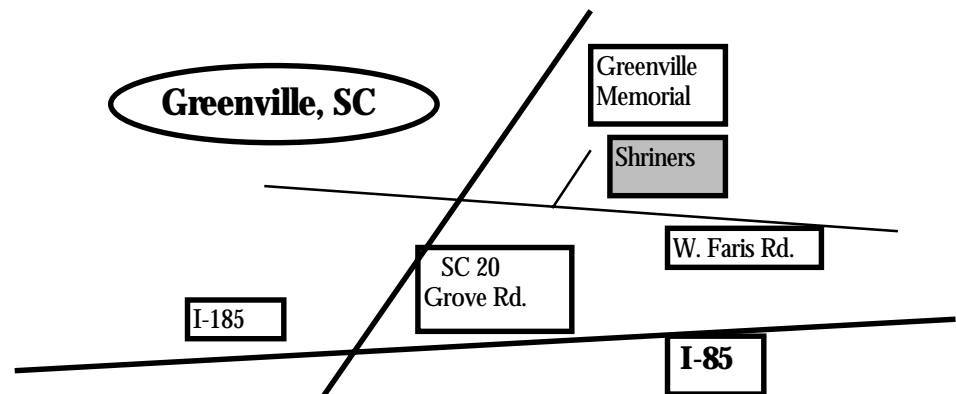
Tour of Prosthetics & Orthotics Workshop and Motion Analysis Lab at Shriners Hospital for Children

Date: Thursday October 16, 1997

Time: 6:45 p.m. to ~ 8:00 p.m.

Place: Shriners' Hospital for Children (beside Greenville Memorial)

Reservations: Call 864 370-5119 - Greenville Section Voice-Mail
or George Schneider or Jim Batton (phone #'s listed at left)



The oldest known artificial limb, made of wood and copper, dating back to 300 BC was discovered in Italy. The early prostheses were primarily cosmetic, being heavy and stiff. Sadly, major wars have been the principle stimulus for both improved amputation surgical techniques and the development of improved prostheses. This was particularly evident following World War II, when the Surgeon General of the Army, an orthopedic surgeon, developed the Artificial Limb Program. As surgeons communicated with engineers concerning prosthetic limb design criteria and materials, it became clear that fundamental knowledge of normal limb and joint function was lacking. This led to the development of the Biomechanics Laboratory at the University of California, Berkeley, to study normal walking. The Motion Analysis Laboratory at the Shriners Hospitals, Greenville, is a direct descendant from the Berkeley laboratory.

CHAIRMAN'S MESSAGE

September's tour of the Ahlstrom Pump facility in Easley, SC, was great. Our Ahlstrom hosts and guides were knowledgeable of this modern plant, and explained all aspects of the facility, including sales, foundry work, production assembly, and testing. The turnout was moderate, and provided an excellent opportunity for the attendees to network and learn from their ASME associates.

The program this month is a tour of the P&O Workshop and Motion Analysis Lab at Shriners Hospital. From first-hand experience with my 5 year old daughter as a patient at Shriners this year, I can tell you that this is a wonderful facility, from both a compassion, healing aspect, as well as from the technical/biomechanical advancement aspect. Hope to see you there.

Jim Batton

PROFESSIONAL DEVELOPMENT SURVEY

We are planning to offer a professional development course locally in the spring. We need your input on which professional development course to choose. Below are five course areas that a few engineers have shown interest in.

- PE Review Course
- Torsional Vibration Course (Shafts)
- New Technologies Course (Materials)
- Geometric Dimensioning and Tolerancing
- ANSI/ASME B31.1 or B31.3

Please call the new ASME Greenville Section Voice Mail at 864-370-5119 and vote for which you would prefer, or suggest another topic.

UPCOMING SECTION PROGRAMS

October 23

SAE-sponsored tour:

Griffin Thermal Products
Exit 35, I-85, South of Greenville
Tour of this facility that makes aluminum radiators and intercoolers for automobiles, with a specialty in custom radiators for race cars.

Cost: \$15.00 for Barbeque Dinner

This one may fill up fast -
Oct. 15th deadline.

For reservations contact:

Ken Voronin

864 585-8393 ext. 46 or
kvoronin@rp.rpna.com

November 20

**Hitachi Electronic Devices
Mauldin Rd. Greenville**

Tour of one of the premier upstate manufacturing facilities as a producer of color picture tubes.

ASME COMMUNICATIONS NEWS

Well, the ASME Greenville Section really does have a web site!

The ADDRESS:

**[http://www.asme.org/
sections/greenville/index.html](http://www.asme.org/sections/greenville/index.html)**

Due to server problems, the site has not been active, but should be operational by the end of October.

NEW VOICE-MAIL MESSAGE SERVICE

Get your section news with the new ASME Greenville Section Voice Mail. Information will be posted on monthly meetings and programs. Just call, listen, and leave your comments or make your meeting reservations! Your input is valuable to us.

To listen or leave messages,

Call: 864 - 370 - 5119