



## November 1999 Meeting Notice

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Student Relations  
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## ***Toward Rapid Design and Production An Evolution of Rapid Prototyping***

### ● ***Presented by Dr. Frank Paul of Clemson University***

**Date:** Tuesday, November 9, 1999  
**Time:** 6:00 pm – 8:30 pm (presentation begins @ 7:30 pm)  
**Place:** Crowne Plaza Hotel – Roper Mountain Rd, Greenville  
**Cost:** \$ 15.00 members, \$ 7.00 students

**Reservations:** Required by Friday 11/5/99 5pm.  
Contact Don Baldwin or Jim Batton (phone and e-mail address at left) or call Section VoiceMail (864) 370-5119  
**You can also register on the web. See our web site.**

**Specify:** Chicken, Beef, or Vegetarian when making reservation.  
A Buffet may be offered in lieu of a 'dinner'. Plan not firm yet !

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During the past 10 years, rapid prototyping has matured substantially, becoming a critical tool for industrial manufacturing. Today rapid prototyping systems exist in most of the top 100 companies while RP service bureaus assist medium to small companies in using this popular technology. Industry leaders in the automotive and consumer goods areas are quick to employ this technology to gain early market entry and keep vital market share. Industrial competition is viewed on an economic scale of global earnings, however, the importance of national basic research programs, measured by patents granted and financial support can indicate which countries maintain long-term economic leadership. Maintaining economic leadership depends on developing or having access to critical technology. When basic research programs in rapid prototyping is used to forecast technological trends then an interesting picture of global competition emerges.

**Dr. Frank W. Paul is Quattlebaum Professor of Mechanical Engineering and Director of the Center for Advanced Manufacturing at Clemson University. He was honored last year by our chapter by being nominated and becoming a Fellow of ASME.**

## CHAIRMAN'S MESSAGE

by Georges Fadel, Section Chairman

The October meeting honored our 25 and 50 year members, and Mr. Roy Allen who is to receive a national award at the ASME National Congress November 19. We had over 40 people in attendance and Carolyn Davis from the ASME Regional office talked to us about the benefits ASME provides. We enjoyed the company, and look forward to increased participation from the members at our section meetings.

November is a busy month with our ASME Greenville meeting on November 9, the ASME National Congress, which will be held from November 14 - 19 in Nashville, and the Thanksgiving holiday.

At the November meeting, Dr. Frank Paul from Clemson University will talk about the evolution of "rapid" manufacturing. He will summarize the achievements of rapid prototyping in the decade since it has been in existence, and will identify key issues and questions as manufacturing moves towards "rapid" design and production in the 21st century.

**National Engineer's Week - February 20-26, 2000**

### Discover "E" School Visits

There are 32 middle and high schools in Greenville County and numerous private schools as well.

If you, your company, or organization would be able to handle school visits for 3-4 schools during the month of February 2000, please contact Mr. Jim Roberts, P.E., Discover E Coordinator, Piedmont chapter of NSPE and ASME Greenville Section Member  
Tel: 281-5149 (D), 458-7735 (N), e-mail: robe8147@greenville.infi.net

If you live outside Greenville and want to do the same, please let us know in order to coordinate these activities with NSPE.

### ASME Websites:

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

<http://www.asme.org/sections/greenville/>

<http://www.ces.clemson.edu/asmef/>

General page

Greenville Section page

Clemson student section page

**👉 Please check your address and e-mail information on the ASME web site and correct or add your e-mail to receive the newsletter electronically.**