

# SUSQUEHANNA SECTION ASME



## November 2004 Meeting Notice

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**Executive Committee  
2004-2005**

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### **MSC Software's CAE Vision** York College of Pennsylvania, York, PA Thursday, November 18, 2004

#### **Program: Overview of FEM use today and MSC Software's 2-5 Year plan for product development**

**Time:** 6:00 PM Registration and Social  
6:30 PM Dinner  
7:30 Presentation

**Cost:** Adults \$15.00 Members/ \$16.00 Non-members  
Students \$ 9:00

**Menu:** Choice of Loin of Pork, Traditional Stuffed Shells,  
or Boneless Stuffed Chicken Breast  
Tossed Green Salad  
Baked Potato  
California Vegetable Blend  
Desserts  
Rolls  
Drinks

Please call and leave your name, phone number and choice of entrée with one of the persons listed below by **Noon, Thursday November 11, 2004**, to make your reservation. Please call to cancel if for some reason you are unable to attend. Try to have exact change or a check.

<b>Harrisburg/Lebanon</b>	<b>Dave Kitlan</b>	<b>717-948-6639</b>
<b>Lancaster</b>	<b>Steve Dohne</b>	<b>717-396-6464</b>
<b>York</b>	<b>Don Angstadt</b>	<b>717-848-1126</b>
		<b>Ext. 2448</b>

E-mail reservations [kitland2@asme.org](mailto:kitland2@asme.org)

**Directory (Continued)**

*History & Heritage*  
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*Historian*

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and Women*

Open  
*Government Relations*  
Open  
*Professional Practice  
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*College Relations*

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*York College*

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**Please post this meeting notice on your company Bulletin Board.**

## MSC Software's CAE Vision

Computer-Aided Engineering (CAE) software continues to play an increasing role in the work of mechanical engineers. As the computational resources have increased, so has the capability of this software (such as Finite Element Analysis or FEA). This presentation from MSC Software (widely known as a source of the Nastran code and a major supplier of CAE software) will offer some insight into the future of CAE.

The presentation will cover topics such as the following:

Overview of FEM Use today

MSC Software's 2-5 Year Plan for Virtual Product Development

CAD Embedded Analysis

Combining Analysis Disciplines

Automating Processes

CAE and Stochastic Methods (Robust Design)

Mr. Anthony Davenport has worked for MSC Software for three years as a Senior Application Engineer assisting customers in finite element analysis.

Prior to his work at MSC Software, Mr. Davenport worked in the Finite Element field for over 10 years with Electronic Data Systems, Westinghouse and Northrop Grumman. He has presented at several conferences, including the MSC 1999 Aerospace Conference in Long Beach, CA, and the NASA Goddard FEMCI conference. The majority of Mr. Davenport's work is in the field of dynamic analysis of satellite structures. He holds a Bachelor of Science in Mechanical Engineering from the University of Maryland, College Park, and is a proud member of the Terrapin community.

### **Directions to York College and meeting**

For directions, see web site

[www.ycp.edu/admissions/undergrad/669\\_635.htm](http://www.ycp.edu/admissions/undergrad/669_635.htm).

(Included in the newsletter for US Mail Newsletter recipients) Visitor parking is in the lot on the left after you enter the college grounds. The meeting will be in Alumni Hall of the Student Union Building. This building is the second building on the right after you enter the college grounds. Alumni Hall is on the left as you enter the building.

**Invite a fellow engineer and encourage him/her to become an ASME Member.**