



# GAMTRA MAY 2004

[www.oldengine.org/members/gamtra](http://www.oldengine.org/members/gamtra)



## Cotton Ginning Days

### G.A.M.T.R.A. 2004 ANNUAL PICNIC

The G.A.M.T.R.A. Annual Picnic is scheduled for Saturday, May 8, 2004, at Biggerstaff Park. The annual event is being expanded this year to include a Club Show and Open House for Seniors at the Gin Building, beginning at 10:00 AM through 3:00 PM. The Annual Picnic for club members will begin at 4:30 PM at our regular shelter. The club is providing hotdogs/hamburgers/buns and paper products. Members are asked to bring side dishes, desserts and drinks etc. Please come and join us for a day of **FUN** and **GOOD THINGS TO EAT!!** ☺☺

### THANK YOU

A hearty thanks to David Wells for his generous donation to the club.

### DOUG KELLEY PRESENTS ENGINES AT UNC CHARLOTTE

(Submitted by Dan Rowe)

Our very own, Doug Kelley, visited UNC Charlotte's Precision Engineering group in early March. He brought three engines to demonstrate three different basic designs of internal combustion engines. The audience consisted of junior and senior students, graduate students, and professors, all who are interested in engines.

Doug's single cylinder opposed piston engine generated questions about controlling spark and compression. The tandem compound engine got every one's attention. Doug's nine cylinder radial engine was the star of the show. The students were amazed when they learned that not a single part of any of the engines was produced using CNC machinery.

Doug also gave a small talk about the internal combustion engine and how this one technology has lasted so long when there have been so many challenges to it such as turbines, electric, and sterling cycle. The internal combustion engine, in its most familiar form, is the most efficient method of producing power in a relatively small package in a wide variety of applications.

After Doug's visit, several students expressed interest in old engines and engine models. So much interest has been generated that the university has decided to sponsor a trip for students and faculty to the 2005 Cabin Fever Model Engineering Show in York, PA.

### TRIVIA: NEW WORLD RECORD

(Submitted by Curt Holland)

A new world record has been set in Australia for the number of tractors plowing at one time. It seems they had 1901 tractors all plowing at the same time in one field. They beat the old record of 1833 tractors plowing at one time. WAY GO AUSTRALIA!!

### !! DON'T FORGET !!

Our May meeting will NOT be held as usual at the Western Sizzlin'. Our ANNUAL PICNIC replaces our monthly meeting and is scheduled for Saturday, May 8, 2004 at 4:30 PM at our regular shelter at Biggerstaff Park, Dallas, NC. WE HOPE TO SEE YOU THERE!!

HAVE A SAFE AND HAPPY  
SPRING!! ☺☺