



Institute of  
Electrical and  
Electronics  
Engineers, Inc.

# IEEE Memphis Common Ground

Newsletter of the Memphis Section of the Institute of Electrical and Electronics Engineers, Inc.

April 2002

## 2001 Officers

### **Chairman**

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## The 4th Annual MEMPHIS AREA ENGINEERING AND SCIENCE CONFERENCE

*Building Foundations for a Better Tomorrow*

Friday, May 10, 2002

At Christian Brothers University

Regular Registration (April 20-May 7)..... \$200/person  
Early Registration (postmarked April 19, 2002)..... \$180/person

Topics included are:

Design of Wideband Coplanar Patch-Slot Antennas  
Analysis of Dual Tapered Meander Slot Printed Antennas  
Broadband Spatial Power Combiners: System Analysis and Antenna Design  
A High Lumen Output Fluorescent Emergency Ballast with Self-Diagnostic Technology  
Database Program to Design Electrical Panels

Updates can be found at <http://www.cbu.edu/engineering/maesc>

## Our Featured Engineer:

Marlin Gines, a native of Jackson, MS, is the 2002 IEEE Featured Engineer. Marlin holds a BSEE from Mississippi State University. Marlin has been involved in various civic and professional organizations since his graduation, including several years of service in the Memphis section of IEEE. He is currently Chairperson of the Memphis section of IEEE.

He has been employed with MLGW for nearly 12 years. In those 12 years he has gained knowledge in distribution and substation design.

**2002 Shelby County Science Fair Winners:**

High School

1st place—James O'Brien, Lausanne, "Integrals"

Junior High School

1st place—Matthew McGuire, St. Dominic, "Can you Anodize Aluminum?"

2nd place—Cathy Gianella, Elmore Park Middle School, "Light Bulb Brightness Comparison"

3rd place—Milton Stewart, John P. Freeman Optional School, "The Light Bulb"



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DATED MATERIAL—PLEASE DO NOT DELAY