

Mississippi Association of Physicists



The Mississippi Section of the American Association of Physics Teachers

October

No. 065

NEWSLETTER

<http://webphysics.ph.msstate.edu/map>

Fall Meeting

East Central Community College

October 27, 2001

Agenda

8:30 to 9:00 _____ Registration and Refreshments

9:00 to 10:00 _____ Welcome/Business Meeting/Treasurers report

10:00 to 12:00 _____ Presentations/Physics Demos

12:00 _____ Lunch

General Directions

East Central Community College (<http://www.eccc.cc.ms.us>) is located in Decatur which is on Hwy 15, 7 miles north of I-20 (exit 109) and 25 miles south of Philadelphia.

Directions to **Cross Hall** - East Central Community College

Approaching Decatur (heading east) from Jackson on Interstate 20

1. Exit I-20 onto Highway 15 using exit 109
2. Travel 7 miles north to Decatur
3. Turn left at the only traffic light and go through town. Turn right at the college sign (look for an arch with a message board)
4. Go between the dormitories and turn left
5. Then go the end of the street and turn left. Cross Hall will be on the left. There will be a MAP sign on the door. Park in any designated parking near the building.

Approaching Decatur (heading north) from Hattiesburg on Interstate 59

1. Exit off I-59 onto I-20 west (towards Jackson)
2. Travel 22 miles. Exit I-20 onto Highway 15 using exit 109
3. Travel 7 miles north to Decatur
4. Turn left at the only traffic light and go through town. Turn right at the college sign (look for an arch with a message board)
5. Go between the dormitories and turn left
6. Then go the end of the street and turn left. Cross Hall will be on the left. There will be a MAP sign on the door. Park in any designated parking near the building.

Approaching Decatur from Tupelo (heading south) on Highway 45 Alternate

1. Exit off of Highway 45 Alternate onto I-20 west.
2. Travel west 31 miles and exit I-20 onto Highway 15 using exit 109
3. Travel 7 miles north to Decatur
4. Turn left at the only traffic light and go through town. Turn right at the college sign (look for an arch with a message board)
5. Go between the dormitories and turn left
6. Then go the end of the street and turn left. Cross Hall will be on the left. There will be a MAP sign on the door. Park in any designated parking near the building.

Area motel accomodations

Location	Motel	Phone	Queen	Double	King
I-20 & Hwy 15	Days Inn	601-683-3361	\$45.00	\$49.50	\$49.50
I-20 & Hwy 15	Thrifty Inn	601-683-2025		\$52.00	\$52.00
Hwy16 & Hwy 15 Philadelphia	Holiday Inn Express	601-656-3553		\$89.95	\$89.95
Hwy16 & Hwy 15 Philadelphia	Key West Inn	601-656-0052		\$89.00	\$89.00
Hwy16 & Hwy 15 Philadelphia	Silver Star Resort & Casino	1-800-557-0711			\$132.00

President's Message



Here at the University of Mississippi the arrival of fall is heralded by festive and nattily attired crowds in "The Grove" during football weekends, by the giddy and nervous anticipation of hopeful students during "Rush Week" and by the incipient colors bursting forth on the numerous and beautiful trees that pervade the campus. The arrival of fall also is signaled by another event, namely the Fall MAP meeting. East Central Community College in Decatur has graciously agreed to host this meeting. The theme for this meeting is "**MAP- Who are we and what do we do?**"

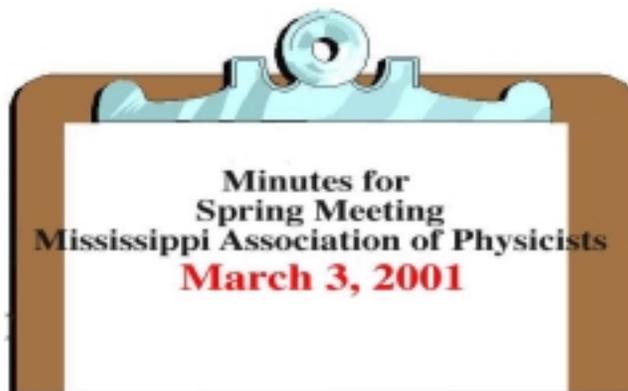
This theme is in part a continuation of the challenge put forth by the past president, David Carter, in which David requested that we extend a special invitation to all teachers who have never attended a MAP meeting. That challenge is repeated since a viable organization is an organization which continues to attract new members. I think that it is imperative that we continue to keep this as one of our primary goals. The primary goals of this fall's meeting is threefold:

- **Clearly define who we are and what is it we do.**

- **Decide on the best way of disseminating these goals.** Since we are keenly interested in getting the word out to schools, one of the ideas to discuss the notion of some sort MAP 'signature event' (e.g., a demo show at a career day event) that MAP can use as a means of increasing our visibility. Intimately related is the idea that industrial ties must be established and/or maintained.

- **A demonstration of of something useful to a physics teacher.** The meeting will feature a demonstration of an amazing simulation program called **Interactive Physics** and how it can be applied to teaching physics on the introductory level. This presentation is part of the efforts of the educational physics group at Ole Miss and will include real demos that we have constructed to parallel the simulated phenomena and how to apply these to the class room and/or laboratory instruction.

Lastly, based upon another suggestion by my esteemed predecessor, it is requested that each member bring *one demo* to the meeting. In my capacity as laboratory physicist here, I am often called to perform physics demonstration to groups as diverse as elementary schools, the cub scouts, and high schools. I continually amazed at how enthusiastic the young people are when they are presented with a good demo. If you have a good demo that you would like to bring and show, I am sure that your efforts will be greatly appreciated. I look forward to see you all at the meeting.



The Mississippi Association of Physicists met on March 31, 2001 at the University of Southern Mississippi in Hattiesburg, MS. The meeting was called to order by then president, David Carter. Dr. Joe Whitehead of University of Southern Mississippi extended a welcome. Participants then introduced themselves.

Al Deaton gave the treasurer's report. He requested that the department chairpersons from each institution contact him to help correct the listings and to provide e-mail addresses. Members that wish to have their email addresses removed from the MAP website need to contact Al Deaton. The treasurer's report and the minutes from the previous meeting were approved and accepted.

Dr. Sandra Harpole, our AAPT Section Representative, reminded members of the summer AAPT meeting to be held July 21-25 in Rochester, New York.

New Business -David Carter announced the winner of the Outstanding High School Physics Teacher Award. The recipient of the award was Ken Wester of the Mississippi School for Math and Science.

It was decided that our fall meeting will be held at East Central in Decatur, MS. The tentative date for this meeting is October 27, 2001.

A recommendation was made that our spring meeting of 2002 utilize teleconferencing to make the MAP meeting available across the state. Site locations for this meeting are to be discussed during the executive meeting.

Officers/Executive Board members are:

Newly Elected Officers (in spring meeting)

President -Thomas Jamerson (University of Mississippi), elected by acclamation

Vice-President- Mary Boleware (Jones County Community College)

Secretary- April Fowler (Picayune High School), elected by acclamation

Treasurer- Al Deaton, (East Central Community College) elected by acclamation

Newly Elected Executive Board Members

4-year Colleges- Joe Whitehead (USM)

2-year Colleges- Mary Boleware (Jones County Junior College)

High School-Cindy Alsworth (Mount Olive High)

At Large- April Fowler (Picayune High)

Remaining Executive Board Members

4-year Colleges- Taha Mzoughi (Mississippi state University)

2-year Colleges- Manaf Ali-(NorthWest Community College)

High School-Mike Harthcock (Senatobia High)

At Large- Thomas Jamerson (University of Mississippi)

Our Section Representative is Sandra Harpole. Taha Mzoughi will remain our Webmaster and Jim Sabatier will continue serving as our Newsletter editor.

After a 10-minute break, Scott Montgomery provided a presentation concerning "Eagle Air", the wireless network technology that is presently used at USM. The meeting was concluded by a presentation about "Connecting Industrial Practices in the Curriculum" provided by April Fowler. The meeting was adjourned for lunch at Barnhills.



National Science Teacher Association (NSTA) Convention. The NSTA Southern Area Convention will be held December 6–8, 2001 in Memphis Tennessee. There will be short courses, workshops, demonstrations, and hundreds of presentations that cover all areas at all levels! There will be tours and social functions to bring your personal network of science education contacts to a national level. For info visit <http://www.nsta.org/conventions>

AAPT 124th National Meeting is January 19-23, 2002
The meeting will be held at the Marriott in Philadelphia, PA

AAPT has debuted a new homepage for **The Physics Teacher**, <http://www.aapt.org/tpt>. Full-text of selected articles and columns from the October issue are freely available now. Selections from future issues will also be posted. The site also includes information for authors.

Membership in MAP (Mississippi Association of Physicists)

If you are a physicist, physics teacher, or physical scientist, you are eligible for regular membership in MAP. If you are a physics student or someone who is interested in physical sciences you are eligible for associate membership (non-voting). Dues are paid for a calendar year January 1-December 31.

Dues are as follows

Individual membership	\$5.00
Institutional memberships are:	
Community/Junior colleges	\$20.00
4 year colleges	\$35.00
Universities	\$60.00

If you are unable to attend MAP meetings, you can pay dues by mail at this address:

MAP Dues
Al Deaton
P.O. Box 451
Decatur, MS 39327-0451

**The University of Mississippi
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