



# Program



for the **2005 Spring Meeting** of the  
**Michigan Section of the American Association of Physics Teachers,**  
to be held on  
**Saturday, April 9, 2005**  
at **Grand Valley State University in Allendale, Michigan**  
in the Padnos Hall of Science unless otherwise noted.

- 8:00 – 8:30 **REGISTRATION** in Padnos Hall of Science. Continental breakfast provided by MIAAPT and GVSU Department of Physics
- 8:30 – 8:45 **CALL TO ORDER AND WELCOME:**  
Mike LoPresto, MIAAPT President, Henry Ford CC  
Frederick Antczak, Dean, College of Liberal Arts and Sciences, GVSU  
Karen Meyers, Asst. Director, Regional Math & Science Center, GVSU
- 8:45 – 9:00 **Experiences Teaching the New Curriculum “Physics for Elementary Teachers” (PET)**  
Paul W. Zitzewitz, University of Michigan at Dearborn
- 9:00 – 9:15 **The Physics of Atomic Nuclei (PAN) Two Week Summer Program**  
David Kim McCreight, Eastern HS, Lansing
- 9:15 – 9:30 **The Half-Time Report: Effective Mentoring Strategies for Beginning Professionals**  
Bill Semrau, Western Michigan University and Van Buren Tech Center ISD
- 9:30 – 9:45 **Making Motion Videotapes for the Physics Classroom**  
J.D. Birchmeier, Divine Child HS, Dearborn
- 9:45 – 10:00 **Using Video Analysis to Analyze Motion**  
Steve Dickie, Divine Child HS, Dearborn
- 10:00 – 10:30 **BREAK**
- 10:30 – 10:45 **Making the Grade**  
Charles Henderson, Western Michigan University
- 10:45 – 11:00 **Magnetic Climbing Technology – Physics in Society**  
Jeff Whittaker, Dearborn Public Schools
- 11:00 – 11:15 **How Did Oersted Do It? Sometimes Theory Gets in the Way**  
Philip Edward Kaldon & Al Rosenthal, Western Michigan University
- 11:15 – 11:45 **FEATURED SPEAKER:**  
**Physics 2000: Why Not Start With the Good Stuff First?**  
Elisha Huggins, Dartmouth College

- 11:45 – 12:00 **Using Physics 2000 as a High School Physics Program**  
Bryan Crump, Oakland Christian School, Auburn Hills
- 12:00 – 1:00 **LUNCH** – at the Fresh Food Company facility on the GVSU campus, for \$6.50/person, payable at the front entrance of the facility.
- 1:00 – 1:20 **MIAAPT BUSINESS MEETING** - including elections for Secretary/Treasurer, and Second Vice-President (from TYC ranks).
- 1:20 – 1:30 **Quickies and Stumpers**
- 1:30 – 1:45 **Writing to Learn Activities in Physics**  
Alex Azima, Lansing Community College
- 1:45 – 2:00 **Material and Geometry in Introductory Physics**  
Michael C. Faleski, Delta College
- 2:00 – 2:15 **New Physlets at Lawrence Tech**  
Daniel W. Mioduszewski, Lawrence Technological University
- 2:15 – 4:15 **WORKSHOPS:**
- Physics 2000 – Introducing Special Relativity and the Uncertainty Principle in Introductory Physics**  
Elisha Huggins, Dartmouth College
- Whiteboards – They Can Show More Than Just Problem Solving**  
Kathy Mirakovits, Portage Northern HS, and Dale Freeland, Portage Central HS
- Using the Global Positioning System (GPS) in the Physics Classroom**  
Keith Forton, Traverse City Central HS

**Grand Valley State University Campus Map with Directions:**

Please see <http://www.gvsu.edu/index.cfm?fuseaction=home.maps>

**Parking:**

During the weekend, all campus lots are available for free and open parking. We suggest parking in Lot F, located directly across Campus Drive from the Padnos Hall of Science.

**Registration:**

Students with a valid student I.D. may register on-site for free. Others may register on-site for \$5.00. You may also pre-register by mail by sending your registration fee to: HC Snyder, MIAAPT Secretary/Treasurer, 3239 Fanone, Port Huron, MI 48060-7255.

Please make your check payable to MIAAPT, and send your pre-registration in advance so that the MIAAPT Secretary/Treasurer receives it by Thursday, April 7.

**Questions?**

Contact Program Chair Ernie Behringer ([ebehringe@emich.edu](mailto:ebehringe@emich.edu) or 734.487.8799) or our host, Brad Ambrose ([ambroseb@gvsu.edu](mailto:ambroseb@gvsu.edu) or 616.331.2524). Check [www.miaapt.org](http://www.miaapt.org) for more info!