

## **WISCONSIN**

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Approximately 63 teachers from 19 high schools and 20 colleges, universities and technical schools attended the Wisconsin Section meeting at Chippewa Falls Senior High School in Chippewa Falls, Wisconsin on October 10-11, 2008. Paul Nevins from Chippewa Falls High School was program chair for the meeting.

The plenary speaker after the Friday night banquet was James M. Sabatier from the *National Center for Physical Acoustics* at the University of Mississippi. He presented a talk titled: *The Human as an Acoustic Oscillator: Sensing and Detecting Mechanisms*.

The following **papers** were presented by Section members:

### **The Long Decay Model of One-Dimensional Projectile Motion**

*Mark Lattery from UW-Oshkosh*

### **Two-and-a-half Computational Projects in Introductory Astronomy**

*David Tamres from UW- Stevens Point*

### **Using Science News in the Science Classroom**

*Laura McCullough from UW-Stout*

### **Oh God, I have to take Physics next semester**

*John A. Peterson from Hubbard Scientific*

### **Acceleration Recorders--"Bringing the Outside World into the Lab"**

*Ron Green from SENSR*

### **A Video Analysis of Projectile Motion...Without Fancy Equipment**

*Carey Woodward from UW-Fond du Lac*

### **High Temperature Melting in a Microwave Oven**

*Robert James Foley from UW-Stout (retired)*

### **Easy and Challenging Daytime Projects that Involve Observing the Sun.**

*Jim Mallmann and Steve Mayer from Milwaukee School of Engineering*

### **Astro-Compass Science Initiative**

*Alan Scott from UW-Stout*

### **Home Heating with a Ground Source Heat Pump**

*Milo Opegard from River Falls High School, retired*

### **Civic Engagement Initiatives in STEM Disciplines Conference and Research Opportunities for Two-Year College Students**

*Jim Madsen from UW-River Falls*

### **The Latest from the IceCube Project**

*Jim Madsen from UW-River Falls*

### **Galloping Horses and Speeding Cars: Photography and the Perception of Motion**

*Kenneth Mendelson from Marquette University*

### **AAPT Topical Conference on Advanced Laboratories**

*Lowell McCann from UW-River Falls*

### **Science & Stipends & Supplies - Oh My! A Physical Science Workshop for K-12 Teachers**

*Gubbi Sudhakaran and Mike LeDocq from UW-La Crosse and Western Technical College*

### **Preparations for Lecture/lab Physics at UWP**

*Philip Young from UW-Platteville*

### **Teaching Physics Using 2-Liter Pressurized Air/Water Soda Bottle Rockets**

*Kim Pierson from UW-Eau Claire*

### **The Active Electron**

*Larry Stookey from Antigo High School*

### **Integrating Physics and History--An Undergraduate Honors Course on the Atomic Bomb**

*George Stecher from UW-Eau Claire*

### **Modeling the Compact Disc Read System during Introductory Lab**

*Brad Hinaus from UW-Stevens Point*

### **Eight Semesters of Mastering Physics Discussion and Analysis.**

*Jerome Wilson from UW-Platteville*

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The following **workshops** were offered at the meeting:

### **NEW TEACHER WORKSHOP!! Sponsored by the AAPT**

Judy Schmidt Oak Creek HS (retired) and Gary Baier from Green Bay East High School

### **Inexpensive Laboratory Exercises in Thermodynamics, Electricity & Magnetism, Modern Physics**

J. Patrick Polley from Beloit College

### **Labs and Demos**

*Led by Melissa Vigil from Marquette University*

### **Ripon College Physics Fun Force: Making Science Fun!**

*Joshua LeGreve and Joshua Frey, students at Ripon College*

***Make Your Students Think Like Scientists – Five Astronomy-Based Activities***

*Lyle Ford from UW-Eau Claire Physics & Astronomy*

***Amusement Park Physics***

*Paul Nevins, and Nick Gagnon, from Chippewa Falls HS and Gary Baier from Green Bay East High School*

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**AWARD**



Jim Madsen from UW-River Falls received this year's **Service to and Excellence in the Teaching of Physics at the College Level** award. Erik Hendrickson (r) presented the plaque.

**ELECTIONS**

**High School Representative: Gary Baier**

**Two-Year College Representative: Roger Hanke**

**Awards Committee: Melissa Vigil**

**Awards Committee – College Representative: Nathan Miller**

**Workshops Committee – President-Elect: Steven Sahyun**

**Workshops Committee – High School Representative: Nick Gagnon**

**Workshops Committee – College Representative: Brad Hinaus**

**Publications/Promotions Committee – High School Representative: Larry Stookey**

**Vice President, Program Chair, for 2009: Steven Sahyun**

*Jim Mallmann, Section Representative*