



AAPT New York State Section Meeting

April 30 - May 1, 2010

Vassar College, Poughkeepsie

## Physics and.....

### Friday Evening - in Sanders Physics 207

**8 pm - Lecture by Noelle Ocon - Insert Rectangle Here: Art and Science Coming Together to Determine the Unique Construction of a Painting by David Teniers the Younger.**

Much exciting research has occurred surrounding the *Armorer's Shop* by David Teniers the Younger. During a routine examination as part of the systematic Dutch/Flemish Catalogue, it was discovered that the painting, to put it simply, was constructed from two paintings glued together. Since this discovery in 2000, an exciting mixture of science, conservation and art history has told more of the story of this painting. The chronology of construction was determined through by developing a technique using the particle accelerator at Cornell University, confocal x-ray fluorescence.

**9 pm - A night at the Vassar College Observatory - Observing and Food** - The Class of 1951 Observatory houses two large reflecting telescopes in separate domes: a 20-inch, and a 32-inch (one of the two largest telescopes in New York State). Telescope will be open for viewing, weather permitting.

### Saturday- in Sanders Physics 207

**7:45 - 8:45** Early Bird Breakfast

**8:00** Registration

**9:00 - 9:45** **Physics and Running** - Renee Lathrop, Dutchess Community College

**9:45 - 10:30** **Physics and Music** - Jill Linz, Skidmore College

**10:30 - 11:00** Coffee Break

**11:00 - 11:45** **Physics and Biology** - Jenny Magnes, Vassar College

**12:00 - 1:00** Lunch and Sharing

**1:15 - 2:00** **Physics and Geology** - Brian McAdoo, Vassar College

**2:00 - 3:00** **Contributed Papers**

**3:00 - whenever** - hands on activities and demos - if you are interested in setting something up let us know

## Registration Information

All registrations include friday night snacks at the Observatory, a continental breakfast, coffee break, and a lunch.

Category (check one please)	Registration Fee
<input type="checkbox"/> Member (NYSS) -----	\$30.00
<input type="checkbox"/> Non-member (includes 1 year membership in NYSS) -----	\$45.00
<input type="checkbox"/> Non-member (includes 3 year membership in NYSS) -----	\$55.00
<input type="checkbox"/> Student -----	\$5.00
<input type="checkbox"/> Non-teaching Spouse (of member or non-member) -----	\$25.00

Name \_\_\_\_\_

Address \_\_\_\_\_

Name of Affiliated Institution \_\_\_\_\_

Phone Number \_\_\_\_\_

Email \_\_\_\_\_

What do you teach? \_\_\_\_\_

Send this completed form with a check made out to "NYSS-AAPT" to

Cindy Schwarz

4 Connelly Drive

Staatsburg, NY, 12580

Please return form with payment before April 26

If you decide to come after that please email ([schwarz@vassar.edu](mailto:schwarz@vassar.edu)) so we can count you in for food and you can pay at the door.

The first ten registrations received will have priority for first views at the telescope!