Spring 2019 Meeting of the Southeast PA Section of the American Association of Physics Teachers

Hosted by the Department of Physics at Villanova University

Mendel Science Center

PA Act 48 credits available through the auspices of the Philadelphia Regional Noyce Program (PRNP). Please sign the form with your PPID!

Friday evening, March 29, 2019

5:00-6:00 Registration desk opens – Mendel 247
6:00-7:15 Dinner + Registration – Mendel 247

dinner catered by Maggiano's, King of Prussia

Pasta buffet including salad, rolls, pasta bar with choice of pasta, 3 types of sauce,
4 toppings: chicken, sausage, meatballs, vegetarian, and assorted mini desserts

7:15-7:30 **Welcoming Remarks** – Mendel 115 Jeremy P. Carlo, *Villanova University*

7:30-9:00 Invited Speaker – Mendel 115

Bill Berner, University of Pennsylvania Educational Boundary Conditions: A Report from the High School – College Discontinuity Zone

9:00 - ??? Astronomy Observing / Tours of

Astronomy facilities — Mendel 4th floor

coordinated by Laurence DeWarf, *Villanova University*

Saturday morning, March 30, 2019

8:00-9:00 **Registration/Breakfast** — Mendel 247

Hot breakfast catered by Villanova University

Hot breakfast buffet — eggs, home fries, waffles, bacon, bagels, muffins, fresh

fruit, assorted juices, coffee / tea / water.

9:00-9:15 **Welcoming Remarks**

- Mendel 115

Jeremy P. Carlo, *Villanova University* B.J. Enzweiler, *President, AAPT-SEPS*

9:15-10:30 Invited Speaker

- Mendel 115

Eugenia Etkina, Rutgers University Investigative Science Learning Environment (ISLE): Learning Physics by Practicing It

10:30-10:45 **Coffee Break**

- Mendel 247

10:45-11:45 Invited Speaker

- Mendel 115

Angelo Armenti, Villanova University The Physics of Sports and Excel Spreadsheets

11:45-12:15 **SEPS/AAPT Business Meeting**

– Mendel 115

12:15-1:30

Lunch – catered by Villanova University — Mendel 247 Luncheon buffet – build your own sandwich masterpiece (rolls, cheeses,

vegetables, hummus, pickles), pasta salad, cookies, bottled water, coffee

Informal Tours of Villanova Labs
Poster Session

Informal Tours of Villanova Labs – Mendel Hall 2nd & 3rd Floor

– Mendel 2nd floor Hallway

"Why Doesn't Every Cloud Bring Rain?"

Andrei Blinkouski, Penn State – Abington

"A Reason Why 1st Year Students Fail"

Gordon Thomas, New Jersey Institute of Technology

"Discovery and Interaction in Astro 101"

Philip Maurone, Villanova University

1:30 – 3:00 Saturday afternoon workshop

- Mendel 259

"Eight Challenging Labs for High School / College" Led by Barry Feierman, Westtown School (ret.)

1:30 –	- 3:00	Contributed Papers and Demos – Mendel 258
	1:30-1:45	'Extracting Astrophysics from Gravitational Waves" Amber Stuver, Villanova University
:	1:45-2:00	"Teaching Special Relativity" Anne Tabor-Morris, Georgian Court University
;	2:00-2:15	"The Democratic Imperative for Inquiry Physics" Ryan Batkie, The Shipley School
?	2:15-2:30	"Project Based Learning in High School Physics" B. J. Enzweiler, Science Leadership Academy
;	2:30-2:45	"An LED Trick" Harriet Slogoff, Univ. of Pennsylvania (ret.)

3:00 – ??? Post-Conference Discussion / Wrap-Up – Mendel 258

Jay Bagley, Temple University

2:45-3:00 "Droned"

Thank you for attending the 2019 AAPT SEPS Spring Meeting!

Safe travels home, and we hope to see you for our Fall Demo Show!



AAPT Southeast Pennsylvania Section Spring 2019 Meeting

Friday, March 29, 2019 Saturday, March 30, 2019

Villanova University



