Central Pennsylvania Section
American Association of Physics Teachers
Spring 2018 PTRA Workshop
Quantum Physics: the Basics

The ideas of Quantum Physics are new to most and often considered scary! In the workshop we will explore some of the basic principles of Quantum Physics and how they are applied to real world uses. Materials from the Institute for Quantum Computing will be the foundation of the workshop. Two Rules of Quantum; Particle- Wave duality; Uncertainty principle; Polarization as “proof”; Quantum Computing; Interferometer; are things that will be presented. The PTRA team is not experts but we will enjoy pointing you in directions and learning together. It is exciting to start to understand!

PTRA Team: Pat Callahan (ptcallahan@aol.com), Dave McCachren (kmccachren@comcast.net), Alice Flarend (amf@blwd.k12.pa.us)

Where: Penn State Schuylkill
Add building and room
When: Friday date

Time: 8:30 a.m. to 3:00 p.m.

Cost: $75 make check payable to AAPT-CPS
Please let us know at least two weeks before the workshop so we can plan for materials.
Please send registration to: or email and pay at workshop

Hosting Institution Contact:
Mike Galis information