

West Jersey Astronomical Society

Astrophotography Meeting, Thursday, May 24, 2018, 7 to 9 pm, Virtua Center, Moorestown, NJ

Guest Speaker: Igor Peshenko, from the Bucks-Mont Astronomical Association

Title: Deep Sky Astrophotography with a DSLR Camera

- Camera basics: sensor, quantum efficiency, "photo electronics," ISO, and "digital numbers"
- Image noise and Signal to Noise Ratio
- Photoshop, read, and thermal noise and their contributions to the total noise
- DSLR vs CCD
- Spectrum modification of DSLR
- Cooling of DSLR
- Connecting the camera to telescope, including power
- Software to control DSLR (Backyard EOS) and typical settings