**Thursday June 27, 2024**

8:30 am – 9:00 am Introductions

9:00 am – 10:30 am The Physics of the Greenhouse Effect

10:30 am – 12:00 pm Discovery of the Nuclear Atom and Quantized Nature of Energy

12:00 pm – 1:00 pm Lunch

1:15 pm – 2:15 pm Dr. Morgan Burks’ gamma ray spectrometer lab tour

2:30 pm – 4:00 pm Nuclear Structure and Radioactive Decay

**Friday June 28, 2024**

8:30 am – 9:15 am Introductory Nuclear Physics – Fission & Fusion

9:30 am – 10:30 am CAMS Tour

10:45 am – 12:00 pm Finish Intro to Fission & Fusion / Fusion in Stars

12:00 pm – 1:00 pm Lunch

1:00 pm – 4:00 pm Polarized Light, Lasers, and some nifty NIF-inspired Activities for the Physics Classroom