

Magneto Optical Kerr Effect

Shusmita Podder Pooza

Southern Illinois University–Carbondale

2025 April 18 Friday 4:00 PM

Physics Seminar in Neckers 440

Abstract:

Under construction.

Biography: Shusmita Podder Pooza is a researcher and educator in physics. She completed her Bachelor of Science and Master of Science in Physics from the University of Dhaka, in Bangladesh. Currently, she is pursuing her second Master's degree in physics at Southern Illinois University, Carbondale, where she joined in January 2024. Her research focuses on experimental condensed matter physics, particularly the magneto-optical Kerr effect (MOKE). As a Graduate Teaching Assistant, she is passionate about assisting students in hands-on experimental learning. Outside of academics, she has a fascination for the sky—observing color changes, spotting planets with the naked eye, witnessing breathtaking sunrises and sunsets, and tracking weather patterns.