

Physics 4311: Thermal Physics - Presentation schedule

Spring 2026

Monday, May 4, 2026

- *Statistical analysis of molecular dynamics simulations for agreement with standard thermodynamic predictions*, Lucas Ethington, Markus Fischbeck, Braden Stillmaker
- *Finite Element Analysis of Laser Induced Heating of a Lens*, Andrew Madsen, Aslan Merioles

Wednesday, May 6, 2026

- *Thermodynamics of White Dwarfs and Neutron Stars*, Mason Brown, David Cleary, Andrew Miget
- *The Thermodynamics of a Superconducting Transition*, Elijah Smith
- *Bose-Einstein condensation*, Mark Levrault

Friday, May 8, 2026

- *The Thermal Physics of Weather: The Fundamental Physics Underlying Numerical Forecasting Models*, Drake Bloodworth, Melody Kohut, Riley Odell
- *Maxwell's Demon and Information Theory*, Jeremiah Bender, Roberto Arzabala