

DEPARTMENT OF MATHEMATICS
Fall 2025 MATH Colloquium Series

A Brief History of Time-Keeping

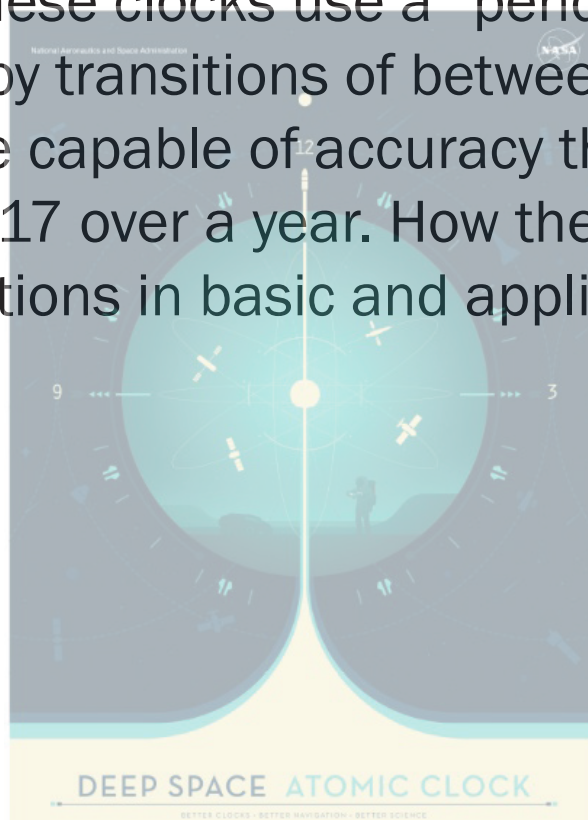
Dr. Fred Sharifi

Department of Physics & Astronomy

This talk will discuss the development of modern atomic clocks. These clocks use a “pendulum” whose frequency is set by transitions of between energy states in atoms, and are capable of accuracy that is better than 1 part in 10^{17} over a year. How these clocks work, and their applications in basic and applied sciences will be discussed.

Sep. 18, 2025
THURSDAY

4:00 PM
BSS302



FOR MORE INFO GO TO <https://math.humboldt.edu/get-involved/mathematics-colloquium>

**We cordially invite you to the PRE-COLLOQUIUM TEA in BSS#312
at 3:30 PM**