



# Colloquium Notice

## Keaton Bell

Queens College, CUNY

### *The Music of White Dwarf Stars*

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[At Home with QC](#) presents:

QC astronomer Keaton Bell uses video recordings from space telescopes to measure vibrations of dead stars called white dwarfs. White dwarf stars are the glowing hot embers left over when most stars run out of nuclear fuel. Some white dwarfs vibrate spontaneously, revealing resonant frequencies of the stars that can be used to map their interior structures. This presentation will describe the physics of stellar vibrations by analogy with musical instruments. We will review how the QC White Dwarf Research Group interprets video recordings of vibrating stars to study their structures and discuss the importance of studying white dwarf stars. This talk will premiere an exciting new discovery that has never been seen by a public audience.

For more information about the presentation and Keaton Bell, [click here](#).

**RSVP:** [bit.ly/AHWQC-KeatonBell](https://bit.ly/AHWQC-KeatonBell)

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*Note: Zoom meeting at 4PM, please register in advance*

Thursday  
**October 23, 2025**  
Starts at **4:00 pm**

This talk is accessible via [Zoom](#) or use  
**meeting ID 829 2687 2594** and **passcode 866995** to join