Observing Exoplanet Transits

A modern, elegant Beamer theme

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August 27, 2026

Overview

1. Method

2. Results

Method

The transit method

- A planet passing in front of its star dims the observed light
- The dip's depth gives the planet's radius relative to the star
- The dip's period gives the orbital period

Results

Candidate summary

Target	Period (days)	Depth (%)
TOI-1201 b	2.49	0.31
TOI-1201 c	8.06	0.12

Next steps

This quarter

- Confirm TOI-1201 c with radial velocity
- Submit follow-up proposal

Later

- Atmospheric characterisation
- Compare to formation models

Thank you