

Ask Class Genie a question in Sakai

Last Modified on 09/01/2025 4:42 pm IDT

 This article is designated for all users.

About

Class Genie is your AI-powered assistant for course questions. It pulls answers only from your course's Media Gallery and related materials, like lecture videos, slides, or documents. It does not use external AI sources, so you always get answers based on your school's trusted content.

By simply asking a question, you'll get clear takeaways, video clips, document excerpts, and suggested next questions - all designed to help you find what you need fast.

Ask a question

1. In your Media Gallery, click the **Genie** button.



Can't access the Genie? Contact your admin to check permissions.

Media Gallery



Ask anything about this course's media with **Genie**

 Search

 Add to media gallery  Actions

Media



Presentation on Black Hole. #Physics OCR



Star Cluster Population of High Mass Black Hole Mergers in Gravitational Wave Data

The 'Ask anything page' displays.

✦✦ Your Genie

Ask anything

 

2. Type your question into the **Ask me anything** search field and press **Enter** on your keyboard.

✦✦ Your Genie

Ask anything

 

While Genie processes your request, the 'Analyzing content' screen displays.

[+ New thread](#)

How do scientists detect and study black holes



To **cancel** while Genie is generating a response, click the **Stop button** (square icon). You'll stay in the same thread and can immediately ask a new question.

Why can't light escape from a black hole?



Ask me anything 

After a few seconds, your answer appears on the same screen. Depending on your question, Genie will return:

- **Flashcards** – Key takeaways, often with video clips, document excerpts, or images

- **Text answers** – A full written explanation with summaries, steps, or lists



Want to learn more? See Understand Genie's answers.

If Genie can't find an exact match, it will:

- Show a message: *Sorry, I couldn't find an answer to that*
- Suggest related questions you can try instead

+ New thread

What are some of the most important discoveries the Hubble Telescope has made?

Sorry, I couldn't find an answer to that.



SOURCES



AI in Astrophysics
- Joanna
Piotrowska...



NDT paper 1
Document



Experimental...
Document

+2

NEXT STEPS

What are some recent discoveries made by the James Webb Space Telescope?



How do space telescopes differ from ground-based telescopes in their capabilities?



What role does machine learning play in analyzing astronomical data?



Multilingual support

Genie can respond in the language you use to ask your question. It automatically detects the language and pulls from matching multilingual sources. If content isn't available in your preferred language, Genie will return the most accurate results it can find, even if they're in another language.

Ask a follow-up question

To continue the conversation, just type your follow-up question into the 'Ask me anything' field or click one of the suggested follow-up questions in **Next Steps** beneath

the **most recent answer**.

their effects on nearby matter. These techniques have revolutionized our understanding of these cosmic phenomena.

Start →

Observato
gravitation
when black
observator
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incredibly t
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as 10^{-21}
detect black
vast distan



SOURCES



Supermassive
black holes most
powerful...



Faster than Light
Speed The Physics
of the Warp...



Experimental...
Document

+4

NEXT STEPS

What are the main differences between stellar-mass and supermassive black holes in terms of detection methods? →

How do scientists distinguish between black holes and neutron stars when analyzing gravitational wave data? →

What future technologies or missions are planned to improve our ability to study black holes? →

Ask me anything



AI-generated content may contain errors or omissions.

Genie will keep the **thread** going by using the previous response as context and generate a new answer directly below it, as demonstrated below:

+ New thread

How do scientists detect and study black holes

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INTRODUCTION

How Scientists Detect and Study Black Holes

Scientists use multiple sophisticated methods to detect and study black holes, including gravitational wave detection, direct imaging, and observing their effects on nearby matter. These techniques have revolutionized our understanding of these cosmic phenomena.

Ask me anything

KEY TAKEAWAYS

Gravitational Wave Detection with LIGO

LIGO (Laser Interferometer Gravitational-Wave Observatory) is a gravitational wave observatory operating since 2015. It consists of two large interferometers in Louisiana and Washington, USA, which detect black holes by measuring the ripples in spacetime caused by the collision of two black holes. The waves are incredibly tiny, as small as 10^{-21} meters, but LIGO can detect them.

AI-generated content may contain errors or omissions.

Start a new thread

Click the **New thread** button at the top left to begin a new search. This clears the conversation and opens a new 'Ask Anything' window.

[+ New thread](#)

How do scientists detect and study black holes

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INTRODUCTION

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KEY TAKEAWAYS

Gravitational Wave with LIGO

LIGO (Laser Gravitational Observatory) is a gravitational wave observatory when black holes are observed through interferometry.