



分類星系

如何把東西分類成組？



活動 1: 把星系分類成組.

- 10 分鐘
- 一組3到4人
- 30 張星系圖片卡
- 分類成至少2個最多4個的組別

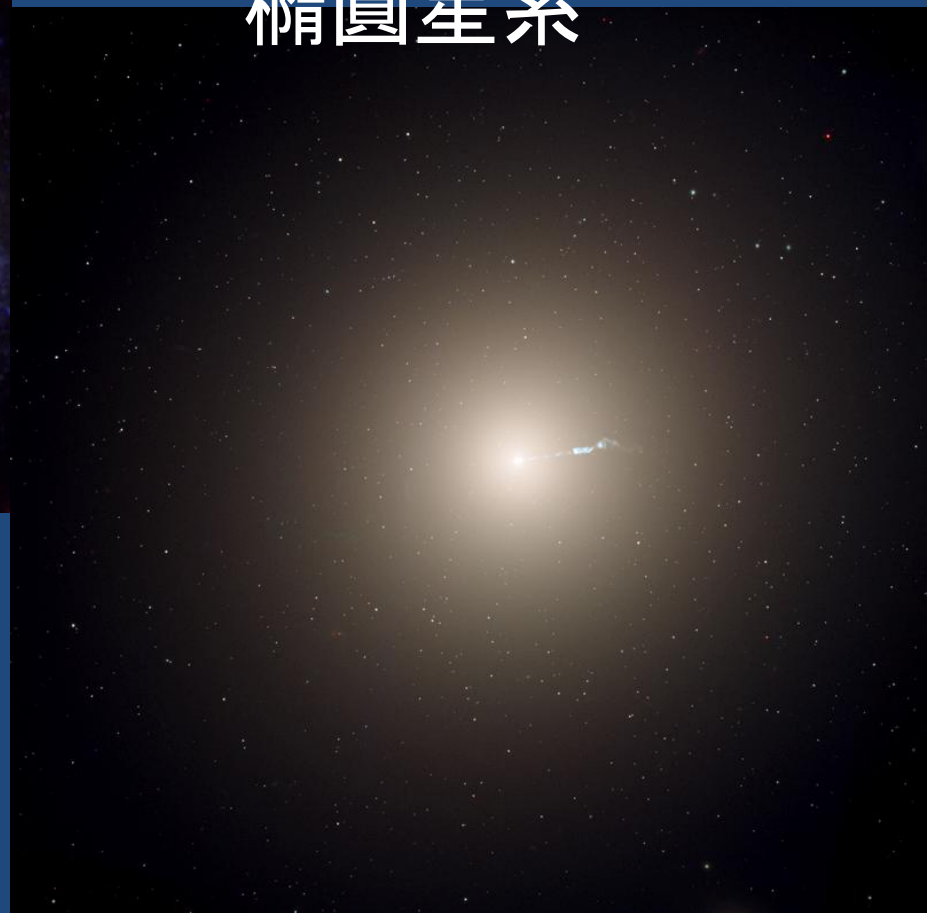


- 怎麼定義你的分組?



螺旋星系

橢圓星系



GALAXY ZOO



螺旋星系



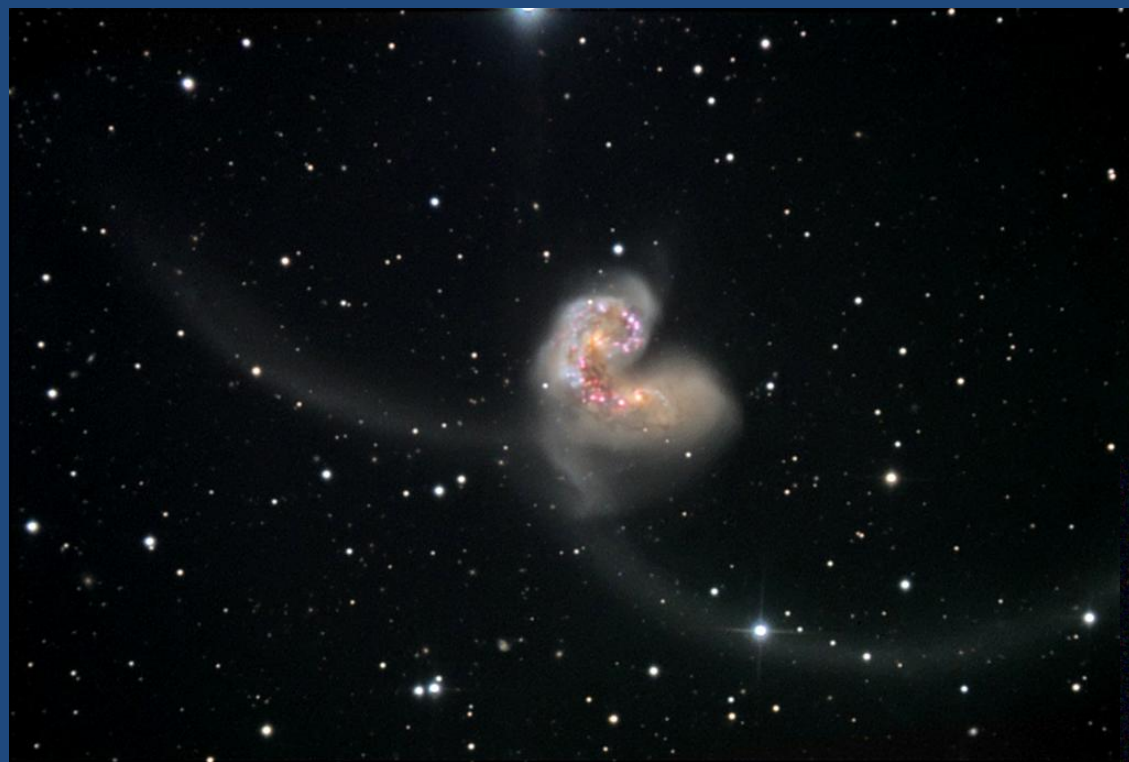
棒旋星系



GALAXY ZOO



GALAXY ZOO



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We are trying something new! Come help us understand a very specific type of galaxy and experience science from start to end. [Take part](#)

Classify Galaxies

To understand how galaxies formed we need your help to classify them according to their shapes. If you're quick, you may even be the first person to see the galaxies you're asked to classify.

[Begin Classifying](#)[How Do Galaxies Form?](#)[History of Galaxy Zoo](#)



- 計畫目的是收集星系形狀的資料
- 科學家想知道星系形狀的變化隨時間演化的關係
- 早期有比較多恆星形成, 這是否表示那時應該有比較多螺旋星系?
- 還是我們會不會發現早期的橢圓星系也有恆星形成?
- 這些都將幫助科學家了解星系是如何形成的
- 有沒有其他新的星系形態等著被發現呢?

GALAXY ZOO

587739376706978028
J102210.25+311713.9



587739610239402144
J123453.39+332430.3



587739608066741136
J113857.4+311846.6



588017979967733988
J123126.52+405711.5



588017720638570644
J110120.35+402242.3



588017978351616137
J112615.25+385817.4



588017977278988558
J113946.93+382225.9



587739096597687419
J115135.32+375603.6



587739408393044155
J122245.71+360218.4



587739506616631548
J121139.18+330804.5





Galaxy Zoo is a **Zooniverse** project.

The Zooniverse is a collection of web-based Citizen Science projects that use the efforts and abilities of volunteers to help researchers deal with the flood of data that confronts them.

Our Projects

We currently have 12 projects on subjects ranging from **astronomy**, to **climatology**, to **biology**, to **humanities**.

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[Begin Classifying](#)



https://www.zooniverse.org/signup?lang=en

https://www.zooniverse.org/signup?lang=en

HMRC: Login Yoga Garden - Classes

ZOONIVERSE

REAL SCIENCE ONLINE

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If you'd like to join the Zooniverse then please fill out the form below. You can use your Zooniverse login across all of our projects so you only need to sign up once. We promise not to share your details with anyone else.

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Name*

Email:

Password:

Confirm password:

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oldWeather

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GALAXY ZOO
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English Hindi Bengali



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Classify Galaxies

To understand how galaxies formed we need your help in classifying them according to their shapes. If you're new to the project, you may even be the first person to see the results of the galaxies you're asked to classify.

[Begin Classifying](#)

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Classify



UKIDSS



Invert

[Examples](#)[Restart](#)

SHAPE

Is the galaxy simply smooth and rounded, with no sign of a disk?



Smooth



Features or disk

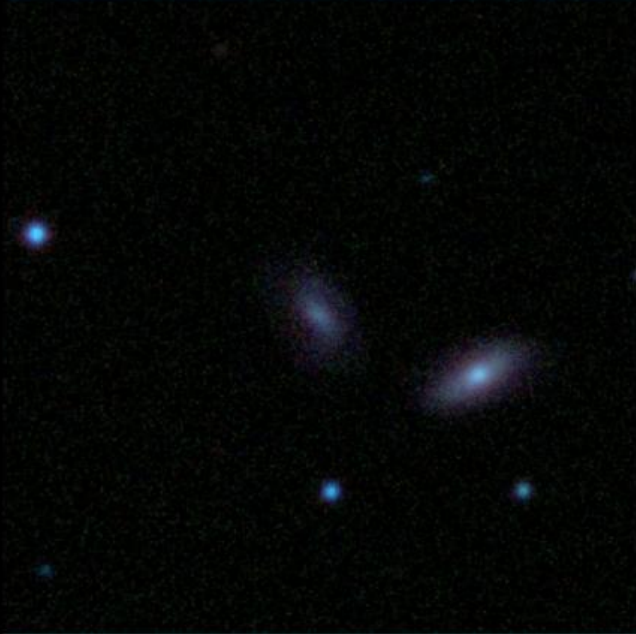


Star or artifact







Galaxy Sketch	Observations	Galaxy Sketch	Observations
	Galaxy Type:	Galaxy Type:	
	Galaxy Type:	Galaxy Type:	
	Galaxy Type:	Galaxy Type:	
	Galaxy Type:	Galaxy Type:	
	Galaxy Type:	Galaxy Type:	



A large, dark rectangular area containing a faint astronomical image of a galaxy cluster. Several bright, blueish-white points of light are visible against the dark background, representing individual galaxies or stars within the cluster.


Classify


UKIDSSGroupFavouriteInvert

Examples

Restart

ODD
Is there anything odd?


Yes


No

GALAXY ZOO

