

The 2023 Berlin AG

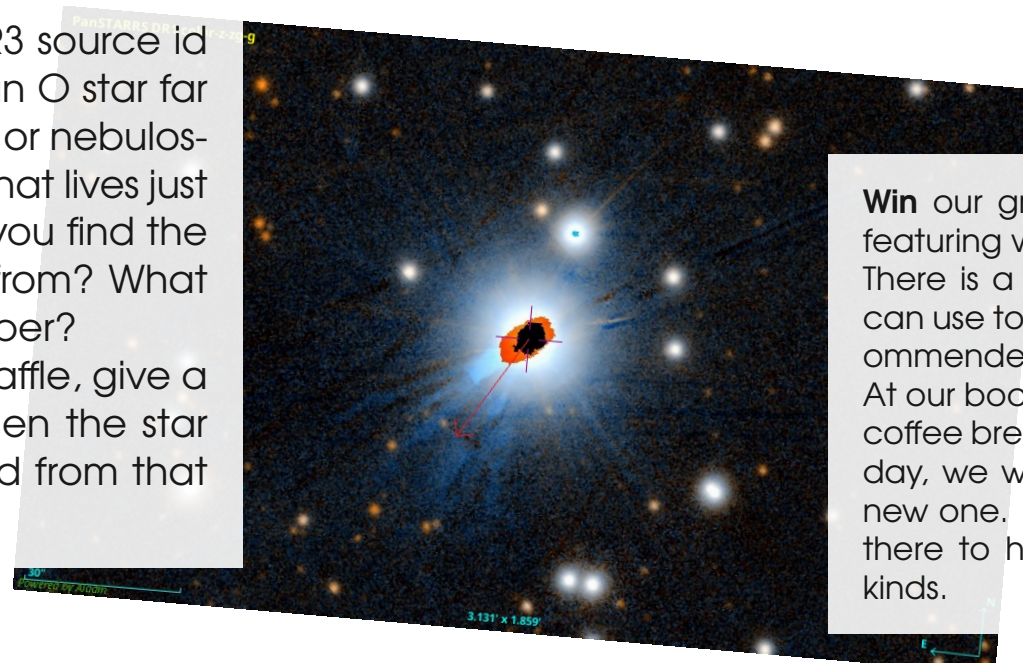


Puzzler

A lonely O star?

The star with the Gaia DR3 source id 4152407474508172160 is an O star far outside of any star cluster or nebulosity – rather odd for a star that lives just a few million years. Can you find the object it is running away from? What is that object's NGC number?

For an extra ticket in our raffle, give a reasoned estimate of when the star would have been ejected from that cluster.



Win our great 70 cm × 140 cm **towel** featuring wildly bent galaxies.

There is a computer at our booth you can use to **solve** the puzzler with all recommended software installed.

At our booth, about 15 minutes into the coffee breaks on Tuesday and Wednesday, we will give a **hint** – every time a new one. Plus, of course, we're always there to help with VO problems of all kinds.

Hand in your solutions at the GAVO booth. Solutions on Tuesday get three tickets for the raffle, on Wednesday, you get two, on Thursday, one.

The **winner** will be drawn at our booth during the Thursday afternoon coffee break.

We will post a **solution** on our blog at <http://blog.g-vo.org/> some time around then.

An **archive** of previous puzzlers and their solutions is at <http://www.g-vo.org/puzzlerweb>.