

WELCOME TO THE ALVASTON PARK STAR PARTY

Brighten up the dark January evenings with our virtual star party from the cosy warmth of your own home. We are a small community group who have organised an annual star party in our local park for the past decade, but this year a teeny tiny virus means that we have to do this differently. We hope this means we can spread our community wider, so wherever you are, do join us and enjoy! This is our provisional schedule and we will be updating this as things are finalised. If there is something you want included, why not ask? We can't promise, but you never know!

Saturday 23rd January 6pm

- Welcome and introduction.
- An Introduction to the Night Sky with Stellarium.
Derby and District Astronomical Society.

Sunday 24th January 6pm

- **Sunday: Day of the Sun.** A short exploration of the science and mythology of our closest star.
- **Joseph Wright paints the Solar System:** discover more about one of the most famous paintings of the Enlightenment era. This is a pre-recorded film made especially for us under lockdown conditions by the wonderful people at *Derby Museums*.
- Interview with **Anne de Waal**, author of children's book *When the Stars Went On*.

Monday 25th January 6pm

- **Monday: Day of the Moon.** A short exploration of the science and mythology of Earth's natural satellite.

- **To Touch the Moon** *Derby and District Astronomical Society* guide you around their amazing Moon model signed by NASA astronauts and others.

Tuesday 26th January 6pm

- **Tuesday: Day of Mars.** A short exploration of the science and mythology behind the red planet.
- **Q & A:** Dedicated slot for you to put questions to members of *Derby and District Astronomical Society*.
- **John Flamsteed and his Star Atlas:** *Derby Museums* take a look at the work of one of the greatest celestial map makers.

Wednesday 27th January 6pm

- **Wednesday: Day of Mercury.** A short exploration of the science and mythology behind the fastest planet in the Solar System.
- **Fire, Ice & Aliens.** A journey to the weird worlds that are Jupiter's Galilean moons where volcanoes and underground oceans suggest the tantalising possibility of life elsewhere in the Solar System with *Katie Smith*.

Thursday 28th January 6pm

- **Thursday: Day of Jupiter.** A short exploration of the science and mythology behind the largest planet in the Solar System.
- **Telescope or Binoculars - which is best?** If you want to see more of what the night sky has to offer and are thinking of investing in some equipment, join *Derby and District Astronomical Society* to discuss the options.

Friday 29th January 6pm

- **Friday: Day of Venus.** A short exploration of the science and mythology behind the hottest planet in the Solar System.
- **Stardust: The Life Cycle of Stars.** How is a star formed, how do they die, and what has any of this got to do with us? *Katie Smith* will take you through the whole life cycle.

Saturday 30th January 6pm

- **Saturday: Day of Saturn.** A short exploration of the science and mythology of the planet famous for its rings.
- **The Hidden Light** *Derby and District Astronomical Society* give an insight into infrared astronomy ahead of the exciting launch of the James Webb telescope later this year.

Sunday 31st January 6pm

- Share pictures of your starry window displays and we may give you a shout out. Do you have a question that hasn't been answered? Let us know and we may do a short piece on it.
- **Space is big!** We find ways to IMAGINE these huge numbers and distances. With award winning science communicator *Ian Russell* (whose monstrous soap bubbles some may remember from previous Star Parties).