

Members attending are welcome to wear masks.

U3A lectures are for members only.

We regret we're unable to welcome visitors to our lectures – to do so would be unfair to those on the waiting list.

10 June **Matariki and Māori Astronomy.** **Victoria Campbell**

Victoria Campbell (Ngāi Tahu) will talk about Matariki the star cluster, the Matariki public holiday and share insights about tātai aroraki - Māori Astronomy. Victoria is currently researching southern Māori Astronomy. She is a member of the Aoraki Mackenzie International Dark Sky Reserve Board and is passionate about education and the environment.

17 June **How do we understand the Universe? The science of observational cosmology.** **Dr Yvette Perrott**

Humans have always wondered about our place in the Universe and tried to make observations to investigate and understand it. As our scientific instruments and physical understanding have evolved, so has our picture of the Universe. I will take you through this scientific journey that has led to our current understanding of the expanding, accelerating Universe.

24 June **A Song of Ice and Solar Flares: returning astronauts to the Moon this decade.** **Daniel Wrench**

A Moon rush is upon us. Nations - and companies - around the world are building spacecraft to explore our nearest neighbour, motivated by the discovery of water ice at the Moon's poles. Most significantly, NASA is planning to return people there for the first time in half a century. To do this, we will need to find ways to protect astronauts from solar flares and other space weather events.

2024 PROGRAMME DATES:

SERIES 1: Mar 4, 11, 18

SERIES 2: Apr 8, 15, 22

SERIES 3: May 6, 13, 20

SERIES 4: Jun 10, 17, 24

SERIES 5: Jul 1, 8, 15

SERIES 6: Aug 5, 12, 19

SERIES 7: Sep 2, 9, 16

SERIES 8: Oct 7, 14, 21

SERIES 9: Nov 11, 18, 25

Meetings

West End Hall, 35a Maltby Avenue, Timaru.

Lectures may start a few minutes before 1.30 pm and conclude about 2.30 pm with questions to follow.

Coffee/tea will be provided after the meeting.

As a courtesy to our speakers and other members, please

be seated by 1.20 pm.

wear your name tag.

turn your cell phone off.

no talking during lectures.

wait until the end of the lecture before asking questions.

stand when asking a question, and wait for the microphone.

OFFICE BEARERS AND COMMITTEE

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