

Upper Yarra U3A Astronomy Program

Series of 11 Meetings Schedule, February – June 2015

Meeting Structure:

- * Start 13:00 Three 20 minutes Session (broadly based as below), each followed by 10 minutes Question Time and Discussions
- Session a: Great Courses Video (followed by Coffee Break)
 - + Our new Video Series is called "Modern Perspectives on Our Solar System" by Frank Summers
- Session b: Constellations of the Night Sky
- Session c: Current Phenomena
- * Finish at 14:30

- First Meeting Date: Thursday 5 February
 - a Lecture 13 Weather on other Worlds
 - b CETUS - Whale or Sea Monster
 - c This Week's Sky
- Second Meeting Date: Thursday 19 February
 - a Lecture 14 - Solar Storms
 - b CORVUS - The Crow
 - c This Week's Sky
- Third Meeting Date: Thursday 5 March
 - a Lecture 15 - A Myriads of Moons
 - b TELESCOPIUM - Telescope
 - c This Week's Sky
- Fourth Meeting Date: Thursday 19 March
August
 - a Lecture 16 - Ring Systems of Planets
 - b LEO MINOR - The small Lion
 - c This Week's Sky
- Fifth Meeting Date: Thursday 2 April
 - a Lecture 17 - Comets
 - b TRIANGULUM AUSTRALE - The Southern Triangle
 - c This Week's Sky
- Sixth Meeting Date: Thursday 16 April
 - a Lecture 18 - Kuiper Belt and Oort Cloud
 - b MONOCEROS - The Unicorn
 - c This Week's Sky
- Seventh Meeting Date: Thursday 30 April
 - a Lecture 19 - Definition of a Planet
 - b AQUILA - The Eagle
 - c This Week's Sky
- Eighth Meeting Date: Thursday 14 May
 - a Lecture 20 - Solar System Formation
 - b ORION - The Greek Hunter Orion
 - c This Week's Sky
- Ninth Meeting Date: Thursday 28 May
 - a Lecture 21 - Stars and Planets are born
 - b SERPENS - The Serpent
 - c This Week's Sky
- Tenth Meeting Date: Thursday 11 June
 - a Lecture 22 - Exo-Planets and Systems
 - b EQUULEUS - the Little Horse
 - c This Week's Sky
- Eleventh Meeting Date: Thursday 25 June
 - a Lecture 24 - Life in the Cosmos
 - b DELPHINUS - The Dolphin
 - c This Week's Sky

The Meeting Place is the CFA Rooms, 37 Yarra St
Yarra Junction Alfred Klink

List of Constellations in this Series

CETUS (The Whale or Sea Monster), CORVUS (Raven or Crow), TELESCOPIUM (Telescope), LEO MINOR (Small Lion), TRIANGULUM AUSTRALE (Southern Triangle), MONOCEROS (The Unicorn), AQUILA (The Eagle), ORION (Orion the Hunter), SERPENS (Serpent), EQUULEUS (Foal or Little Horse), DELPHINUS (The Dolphin).

Eugene Delporte drew the boundaries of all constellations along vertical and horizontal lines of right ascension and declination; however, he did so in 1930 for the epoch B1875.0, which means that due to precession of the equinoxes, the borders on a modern star map (e.g., for epoch J2000) are already somewhat skewed and no longer perfectly vertical or horizontal. This skew will increase over the years and centuries to come.

"It is up to us to give meaning to the Universe"