



U3A
DUNEDIN
CHARITABLE TRUST

Website:
u3adunedin.org.nz

Series 2 - 2016

Course title:

Heavens Above!
The What, How, & Why of Astronomy

Dates: **Fridays, 10 June - 15 July & Wednesday 22 & 29 evening session**

Time: **10.00am – 12 noon**

Venue: **Salmond Hall, Knox Street Dunedin**

(Enrolments for this course will be limited to **50.**)

Course fee: \$55-includes Planetarium entry
Tea and coffee provided.

Course Organiser: Doug Holborow (477 4573)
bdholborow@ihug.co.nz

Course Assistant: Barrie Peake (453 3151)

If you would like to apply for more than one course, please rank your choices. If you enrol via our website **please complete payment of the appropriate fees** EITHER by internet banking (include Membership No. in Reference box), OR by cheque (to: Programme Secretary, U3A Dunedin, PO Box 6491, North Dunedin 9059.)

All applications must be received by Thursday 12 May 2016 and you will receive a response to your application by Monday 23 May 2016.

Please contact the Programme Convenor (courses@u3adunedin.org.nz) or the Secretary (mw.potter42@gmail.com, 453 4721) with any queries.

Postponements:

Check the website: u3adunedin.org.nz or listen to:

The Breeze 98.2 FM — Radio Dunedin 99.8 FM — MoreFM 97.4 FM

Please note: please no recording, photographing or videoing at any session in any of the courses.

Please keep this brochure as a reminder of venue, dates, and times for the courses for which you apply.

Heavens Above!

The How, Why & What of Astronomy

- 10 June** **Astronomy – What it’s all about**
Dr. Ian P. Griffin PhD, Director of Otago Museum,
An introduction to the field by a professional astronomer.
- 17 June** **The Perpetual Guardian Planetarium, Otago Museum**

9:00am: The Sky Tonight (45 mins)
10:00am: The Amazing Universe (45 mins)

Please be seated prior to start time. Late arrivals cannot be admitted.
- 22 & 29 June** **From light - enlightenment**
Wednesday *Peter Jaquiery, Scientific Director, The Otago Astronomical Society.*
(Half the group at each session. The Observatory seats 26)
An exploration of astronomical visible light observation techniques with a focus on observation work performed at the Beverly Begg Observatory in Dunedin. This session will be held at the Beverly Begg Observatory, Robin Hood Park, Roslyn.
- 24 June** No session
- 1 July** **The Geology of the Solar System – What it tells us about the Earth**
Amadeo Ballestero, Science Communicator Otago Museum
This talk will start with the geology of the biggest objects in our solar System, and end with the smallest ones: Shooting stars!
- 8 July** **History of Space Exploration: Scientific Measurements made on our Solar System.**
Dr Barrie Peake, Retired Environmental Chemist, O.U.
Space exploration from the German V2 rocket, through unmanned satellites, the Apollo Program, the International Space Station to the most recent proposal to send a tiny spacecraft to visit our nearest star complex (Alpha Centauri).
- 15 July** **Considerations for a space programme for New Zealand**
Dr Greg Bodeker PhD (Physics) University of Natal, Owner and Director of Bodeker Scientific