



**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](mailto:courses@u3adunedin.org.nz), 021 258  
4183) or the Secretary ([mw.potter42@gmail.com](mailto: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 Jaquiere, 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 Ballesterio, 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*