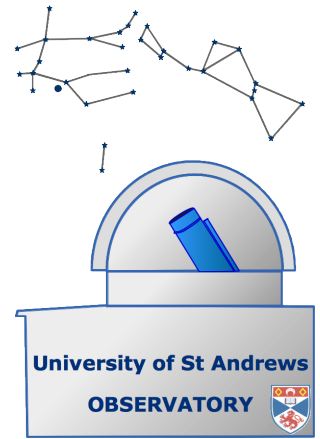




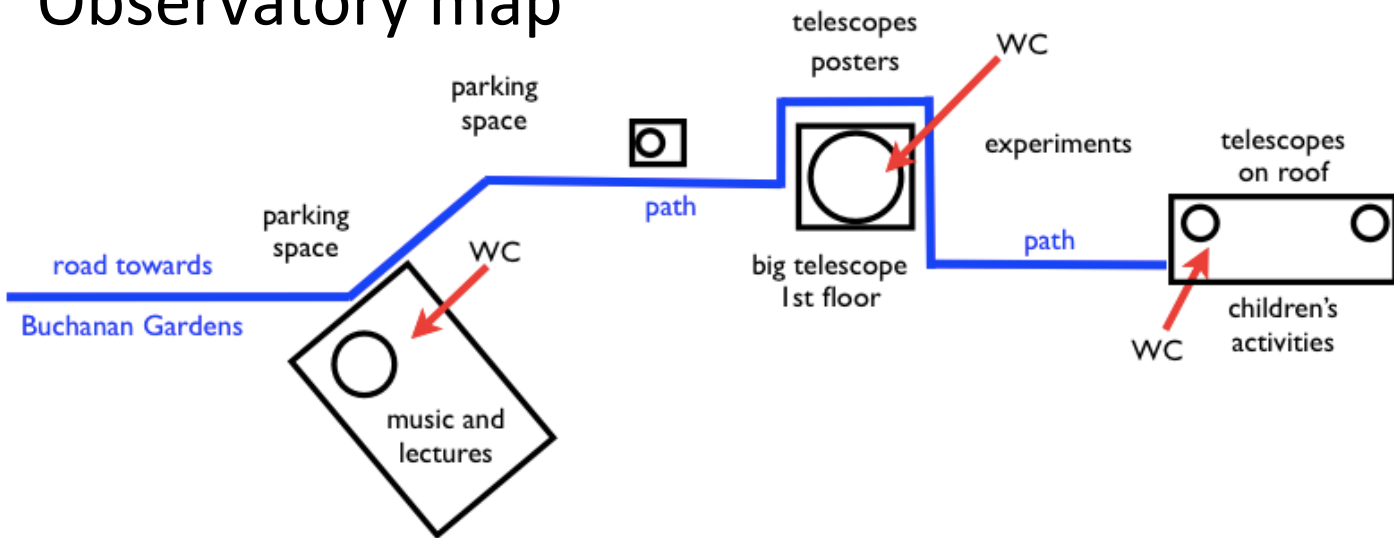
# Open Night

University Observatory  
St Andrews

7 March 2015, 6 – 9 PM



## Observatory map

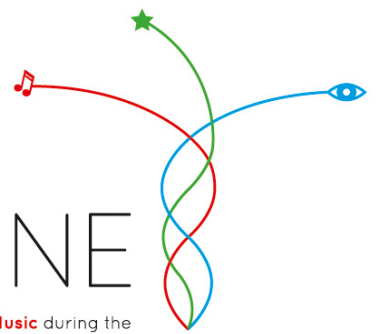


- Please stay on the paths and walk carefully in the darkness.
- The grass can be wet and muddy. If lost, aim for the light or the domes.
- Parents are responsible for their children.
- Parking is limited, please consider leaving your car in town.

In collaboration with  
[shine.wp.st-andrews.ac.uk](http://shine.wp.st-andrews.ac.uk)

SHINE

Science, Art and Music during the  
International Year of Light in St Andrews





# Star Gazing

6 – 9 PM



See Scotland's largest telescope in action! Observe the Moon, Jupiter, comet Lovejoy. Ask an astronomer about the cosmos. All **telescopes** are indicated on the map. Star gazing weather permitting

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## Children's Activities

6 – 8 PM

Children's Activities take place in the **Napier Lecture Room**. All ages welcome!

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## Music of the Universe

6 – 9 PM

Compose your own pulsar symphony in the **Napier Observers Room!**

Can you hear the faint humming echo of the Big Bang with our radio receiver? Find us **outside**, weather permitting.



# Astro Music

7 – 8 PM



The St Andrews Scholarship Brass Quintet will perform astronomy inspired music by Scottish composer Eddie McGuire, in the **lecture hall of the CREEM building.**

## Musicians:

Bede Williams and Matthew Buchan – Trumpets

Emily Zurowski – Horn

Thomas Harmar – Trombone

Sarah Knight – Euphonium

Brodie Thomson – Tuba



## Composer:

Eddie McGuire (1948) was born in Glasgow and studied composition at the Royal Academy of Music in London. His works have been regularly broadcast and he has received commissions from e.g. Glasgow University, the New Music Group of Scotland and the BBC Scottish Symphony Orchestra.



# Public Talks

8 – 9 PM

Public talks for a general audience, by astronomers of the University of St Andrews, **in the lecture hall of the CREEM building**. They will reveal the science behind the music pieces you just heard by the Brass Quintet.



8:00 Orbit – *Dr Duncan Forgan*

8:20 Auriga – *Prof Dr Ian Bonnell*

8:40 The Big Bang – *Dr Rita Tojeiro*

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## WIN AN ASTRONOMY BOOK!!!

We are introducing new items to our Open Nights, let us know your thoughts!

Fill in the questionnaire on

<http://shine.wp.st-andrews.ac.uk/>, help us improve the Open Night, and **WIN!!!**