



SKELLIG CRI

Skellig Centre for Research & Innovation

Ionad na Sceilge Taighde & Nuálaíocht

An Introduction to Astronomy

Weekend Event

Friday, March 23rd 5pm-9.30pm

and

Saturday, March 24th 9.30am -5.30pm

Royal Hotel, Valentia Island

Course Fee: €50



Comhairle Contae Chiarraí
Kerry County Council



UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh



SOUTH KERRY DEVELOPMENT
PARTNERSHIP LTD.

Skellig Centre for Research & Innovation

An Introduction to Astronomy

The course aims to provide participants with a working knowledge of the night sky and equip them with some of the skills they would need to become a Star Gazing Guide. The course provides an introduction to astronomy, from an observational viewpoint, starting with the Earth and its local environment within the Solar System, moving to the Galaxy, and to the Universe at large. An introduction to the connection between archaeology and astronomy will also be discussed and course participants will have the opportunity to observe the night sky (weather permitting). Additionally, participants can achieve 5 ECTS credits towards the Diploma in Local and Regional Studies if they wish to do so by completing the required module assessment at the end of the event. **Course Fee: €50 which includes lunch, teas and coffees**

DAY 1 SCHEDULE

- 17.00pm - Arrival and Registration
- 17.30pm - Brief Astronomical History
- 18.30pm - Break
- 19.00pm - What is a star?
- 20.15pm - Observing the sky (outdoors)
- 21.30pm - Conclusion

DAY 2 SCHEDULE

- 9.30am - Our Solar System and Others
- 10.30am - Galaxies and Cosmology
- 11.30am - Dark matter, Dark Energy
- 12.15am - Overview of Assessment
- 12.30pm - Lunch (provided)
- 13.30pm - Origins of Archaeoastronomy
- 15.00pm - Break
- 15.30pm - Monuments and Time
- 17.30pm - Finish

PRESENTERS

Prof. Paul Callanan, Physics Department, University College Cork. Paul has been a lecturer with UCC since 1996, teaching across an array of physics and astro related subjects. Among many activities, Paul has served as chair of the Astronomy and Space Sciences Committee of the Royal Irish Academy and played a central role in the restoration of the Crawford Observatory (1880) in UCC.

Dr. Michael Connolly, County Archaeologist for Kerry County Council since 1995. Michael has directed excavations including Ballycarty Passage Tomb and the stone row at Íochtar Cua, Waterville. Among his many archaeological related activities, Michael has a keen interest in how the design of our ancient monuments were influenced by the stars.



Skellig CRI - The Authentic Learning Experience on the Skellig Coast

To reserve a place please contact:

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