

# Café Scientifique Headingley

Monday 12<sup>th</sup> June 2017 at 7:30pm

**Speaker:** Brad K Gibson

**Title:** How Astronomers Control Your Life!....



## Outline:

**Did you know that every single one of you in the audience has had your life changed today by astronomers studying the night sky? It's a little known fact that some of the most important technological advancements of the past few decades owe a debt of gratitude to the humble astronomer! After this hour with Prof Brad Gibson, you might just walk away a little surprised by what you learn!**

**Biog:** Professor Brad Gibson is the Director of the E.A. Milne Centre for Astrophysics at the University of Hull. Brad completed his MSc and PhD at the University of British Columbia, building the world's first Liquid Mirror Telescope Observatory and designing software to map the distribution of the chemical elements throughout the Universe. Brad was responsible for using exploding stars to determine the expansion rate of the Universe, as part of the Hubble Space Telescope Key Project on the Extragalactic Distance Scale, for which the team was awarded the 2009 Gruber Prize in Cosmology. With his PhD students, Brad also discovered the first evidence that our own Milky Way's nearest neighbours were being cannibalised by our Galaxy, being ripped apart by intense tidal forces. Brad's work has been acknowledged by his peers 20,000 times, making him Hull's most cited academic, and one of the top few percent in the world. His 300 papers to date also include the identification of the locations within the Milky Way most likely to harbour complex biological life. His recent work has been in modelling the time evolution of the chemical and dynamical properties of the Milky Way.

**Venue:** The New Headingley Club, 56 St Michael's Rd., Leeds LS6 3BG

**Time:** Club opens at 7:00pm for drinks & the room at 7:30; talk begins promptly at 7:45pm

**Entry:** Donation please for room hire and expenses: **£3 at the door**



Café Scientifique Headingley is a programme run under the auspices of the Headingley Development Trust [www.headingleydevelopmenttrust.org.uk](http://www.headingleydevelopmenttrust.org.uk)