



Event Horizon (SCIT2302)

Introduction

In general relativity, Einstein's theory of gravity, space and time are deformed by the presence of matter. If the gravity inside a region is strong enough, an event horizon develops, and information inside it cannot escape to the outside universe. To observers far away, time is stopped at the event horizon. There have been on-going searches for event horizons by astronomers, and breakthroughs may come soon. The speaker will briefly introduce the concept of event horizon and the observational searches for such exotic objects.

Programme Type

Intermediate Talk in Astronomy ([NON Token-required](#))

Speaker

Professor Ming-chung Chu (朱明中教授) obtained his B.Sc. and PhD degrees both at California Institute of Technology (Caltech). He held research positions at MIT and Caltech before joining the Chinese University of Hong Kong in 1995, where he is currently a full professor in physics. He is a co-founder of the Daya Bay Reactor Neutrino Experiment and the leader of the Hong Kong ATLAS group that carries out experiments at the Large Hadron Collider at CERN. His current research interest includes astrophysics, cosmology, and particle physics.

Target Participants



- S4 – S5 HKAGE student members
- Class size: 40
- * *First-come, first-served*

Language



Cantonese

Application Deadline

~~3 January 2019~~ **10 January 2019**

Schedule



Date	12 January 2019 (Saturday)
Time	2:30 p.m. - 3:30 p.m. (Please arrive at 2:15 p.m. for registration)
Venue	LT3, Yasumoto International Academic Park, The Chinese University of Hong Kong

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".