

NEUTRINO

CHASING A GHOSTLY PARTICLE TO UNLOCK COSMIC SECRETS

HUNTERS

RAY JAYAWARDHANA

Reserve your free ticket at icrar.org/neutrino
Ross Lecture Theatre, UWA (Fairway Entrance 1)
6:15pm, Tuesday July 14th

MOVE OVER HIGGS — IT'S NEUTRINO TIME

The incredibly small bits of matter we call neutrinos may hold the secret to why antimatter is so rare, how mighty stars explode as supernovae, what the universe was like just seconds after the big bang, and even the inner workings of our own planet.

Take a thrilling journey into the shadowy world of these elusive particles, as astronomer and author Ray Jayawardhana recounts a captivating detective story with a colorful cast of characters and awesome cosmic implications.



Ray Jayawardhana is the dean of science and a professor of physics & astronomy at York University, Canada.

A graduate of Yale and Harvard, he uses many of the world's largest telescopes to explore planetary origins and diversity. His book *Strange New Worlds* was the basis of "The Planet Hunters" television documentary, while *Neutrino Hunters* won the CSWA Science in Society Book Award.



International
Centre for
Radio
Astronomy
Research



Australian Academy of Science



Curtin University



INTERNATIONAL
YEAR OF LIGHT
2015



THE UNIVERSITY OF
WESTERN
AUSTRALIA