

PHY3208: Short Review Paper and Philosophy of Science

Dr Tony Apollaro

Bell inequalities: theory and experiments.

Coherence time in different physical realization of a logical qubit

Dr Jackson Said

H_0 and other observational tensions in recent cosmological surveys

Dr Alessio Magro

Detecting and Measuring the Statistical EOR Signal

Detecting and Tracking Space Debris

Dr Louis Zammit Mangion

High Temperature Superconductors.

The memristor – theory and applications

Dr Joseph Caruana

The scientific goals of ESA's THESEUS space telescope mission.

The ESA Gaia spacecraft: the science from mapping 1 billion objects to unprecedented precision.

Prof Kristian Zarb Adami

The search for technosignatures from Exoplanets

Gravitational Wave Imaging Using Pulsar timing

Prof André Xuereb

One-way streets for light, sound, and heat

“It from bit:” Is information the most fundamental concept in the universe?

Dr Andrea DeMarco

A Review of Source-Finding Algorithms in Radio Astronomy