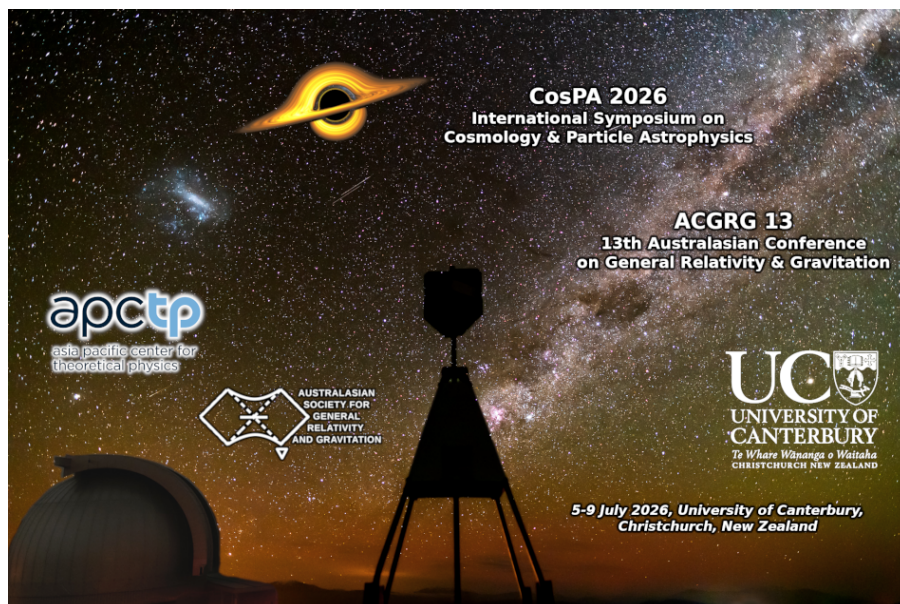


Program

Jul 5 - 9, 2026



CosPA 2026 / ACGRG 13

University of Canterbury, Rātā / Engineering Core Building
63 Creyke Road, Ilam, Christchurch 8041, New Zealand

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Sun, July 5

4:30 PM

Welcome Reception

Session | **Location:** Ilam Homestead, University of Canterbury Club, 87 Ilam Road, Christchurch 8041

Description

<https://www.ilamhomestead.co.nz/>

You may register either at the Welcome Reception, or if arriving later on the following day at the main conference venue.

6:00 PM

Mon, July 6

8:30 AM	<p>Welcome Tea/Coffee</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>Description</p> <p>The registration desk will be open from 8:30am and in parallel with the Conference Opening.</p>
8:45 AM	<p>Opening</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
9:00 AM	<p>Plenary talks: Session 1</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>9:00 – 9:35 AM (35m)</p> <p>Gravitational waves and scattering from black holes with positive cosmological constant</p> <p>Speaker Volker Schlue (University of Melbourne)</p> <p>9:35 – 10:10 AM (35m)</p> <p>GWTC-5.0: Observations from the second part of the fourth LIGO-Virgo-KAGRA observing run</p> <p>Speaker Jade Powell (Swinburne University of Technology)</p>
10:10 AM	<p>Morning Tea/Coffee</p> <p>Break Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
10:40 AM	<p>Plenary talks: Session 2</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>10:40 – 11:15 AM (35m) Searching for Dark Matter with LHAASO</p> <p>Speaker Kenny Chun Yu Ng (The Chinese University of Hong Kong)</p> <p>11:15 – 11:50 AM (35m) Inferring $w(z)$ in an inhomogeneous universe</p> <p>Speaker Krzysztof Bolejko (University of Tasmania)</p>
11:50 AM	

Poster Sparklers

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

11:50 - 11:52 AM (2m)

Probing the Equation of State of Dense Matter in Neutron Stars

Speaker

Bao-Jun Cai (Fudan University)

11:52 - 11:54 AM (2m)

Primordial universe with vector hair on small-scale

Speaker

Chong-Bin Chen (Nanchang University)

11:54 - 11:56 AM (2m)

The Atmospheric Muon Flux from Sub-TeV to PeV Energies with IceCube

Speaker

Pascal Gutjahr (Adelaide University)

11:56 - 11:58 AM (2m)

A fresh look at boundary terms in Einstein-Hilbert gravity via an initial value variational principle

Speaker

Songmin Ha (Korea university)

11:58 AM - 12:00 PM (2m)

Perturbative unitarity bounds on field-space curvature in de Sitter spacetime: purity vs scattering amplitude

Speaker

Masataka Ishikawa (the University of Tokyo)

12:00 - 12:02 PM (2m)

Spectral Signatures of Multi-Mediator Astrophysical Neutrino Self-Interactions at Ultra-High Energies

Speaker

Ayushi Kaushik (SHIV NADAR INSTITUTION OF EMINECE DEEMED TO BE UNIVERSITY, GREATER NOIDA, INDIA)

12:02 - 12:04 PM (2m)

Estimating the Cosmic Structure Backreaction: a Buchert's Averaging Approach on Halo Induced Curvature

Speaker

Che Li (The Chinese University of Hong Kong)

12:05 - 12:07 PM (2m)

Interacting Phantom Dark Energy after DESI DR2 BAO Observations: New Constraints and Tension Alleviation

Speaker

Zhuochao LI (the Chinese University of Hong Kong)

12:07 - 12:09 PM (2m)

Quasinormal modes of scalar, electromagnetic, and gravitational perturbations in slowly rotating Kalb-Ramond black holes

Speaker

Wentao Liu (Lanzhou University)

12:10 - 12:12 PM (2m)

Polarization Modes of Gravitational Waves

Speaker

Yu-Xiao Liu (Lanzhou University)

12:12 - 12:14 PM (2m)

Charged multi-sheet wormhole solutions

Speaker

Yusuke Makita (Nagoya University)

12:15 - 12:17 PM (2m)

Magnetic Fields around Kerr Black Holes: Particle Acceleration and Jet Formation

Speaker

Myeong-Gu Park (Kyungpook National University)

12:17 - 12:19 PM (2m)

Application of fusion-view and optimization convolutional neural network in glitch classification

Speaker

Qun-Ying Xie (Lanzhou University)

12:20 - 12:22 PM (2m)

Topological perspective on bulk boundary thermodynamic equivalence

Speaker

Si-Jiang Yang (Hainan University)

12:22 - 12:24 PM (2m)

Trapped Surface as a Cosmic Censor

Speaker

Daisuke Yoshida (Nagoya University)

12:25 - 12:27 PM (2m)

Search Super Heavy Dark Matter with PandaX-4T detector

Speaker

Shibo Zhang (Shanghai Jiao Tong University)

12:27 - 12:29 PM (2m)

Effects of scalar dark matter on the merger of binary black holes

Speaker

Yu-Peng Zhang (Lanzhou University)

12:30 PM

12:30 PM

Lunch

Break |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 PM

1:30 PM

Parallel sessions: ACGRG/NZ Gravity Student Talks

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m)

Internal instability in charged black holes

Speaker

Travers Bloemsaat

1:50 - 2:10 PM (20m)

Numerical solutions of the Euler equations on fixed Kasner-type backgrounds with coordinate-dependent fluid-regimes

Speaker
Joshua Ritchie (University of Otago)

2:10 - 2:30 PM (20m)

Big Rip and inhomogeneities: can the Galaxy survive the Big Rip?

Speaker
Gawain Simpson (University of Tasmania)

2:30 - 2:50 PM (20m) **Constraining Inflation Models with Spinning Voids**

Speaker
GEONWOO KANG (Seoul National University)

2:50 - 3:10 PM (20m) **Modelling the Local Universe with Λ -Szekeres Models**

Speaker
Morag Hills (University of Canterbury)

3:10 PM

1:30 PM

Parallel sessions: Dark matter - theory

Session | **Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m) **Core-collapse supernova simulations coupled with dark photons**

Speaker
Kanji Mori (Keio University)

1:50 - 2:10 PM (20m)

Spherically Symmetric Fluid Simulations of Black Hole Accretion in Self-Interacting Dark Matter Halos

Speaker
Tan Chen (Beijing Normal University)

2:10 - 2:30 PM (20m) **TeV-scale unification of light dark matter and neutrino mass**

Speaker
Shu-Yu Ho (Academia Sinica)

2:30 - 2:50 PM (20m)

Enhanced disruption of axion minihalos by repeated stellar encounters in the Milky Way

Speaker
Chris Gordon (University of Canterbury)

2:50 - 3:10 PM (20m) **Stone-Skipping Orbits: Resonant Dynamics in ULDM Solitons**

Speaker
Yourong Frank Wang (University of Göttingen)

3:10 PM

1:30 PM

Parallel sessions: Gravity - foundational aspects

Session | **Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m)

Pseudospectrum and (in)stability of black hole total transmission mode

Speaker
Yu-Sen Zhou (University of Science and Technology of China)

1:50 – 2:10 PM (20m) **Black hole superradiance of interacting multi-fields**

Speaker

Jun Zhang (International Centre for Theoretical Physics Asia-Pacific)

2:10 – 2:30 PM (20m)

Black hole interior and complexity of homogeneous holographic solids under shear strain

Speaker

Wei-Jia Li

2:30 – 2:50 PM (20m) **A photon cloud induced from an axion cloud**

Speaker

Zi-Yu Tang

2:50 – 3:10 PM (20m) **Gravity with torsion and matter-antimatter asymmetry**

Speaker

Nikodem Poplawski (University of New Haven)

3:10 PM

3:10 PM

Afternoon Tea/Coffee

Break |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 PM

3:40 PM

Parallel sessions: Gravity - foundational aspects

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 – 4:00 PM (20m)

Gravitational formulation of stress-tensor deformed field theories

Speaker

Song He (Ningbo University)

4:00 – 4:20 PM (20m)

A New Definition of Horndeski Theory and the Possibility of Multiple Scalar Field Extensions

Speaker

Tomoki KATAYAMA

4:20 – 4:40 PM (20m)

Application of Solving Inverse Scattering Problem in Holographic Bulk Reconstruction

Speaker

Run-Qiu Yang (Tianjin University)

4:40 PM

3:40 PM

Parallel sessions: Late universe cosmology

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

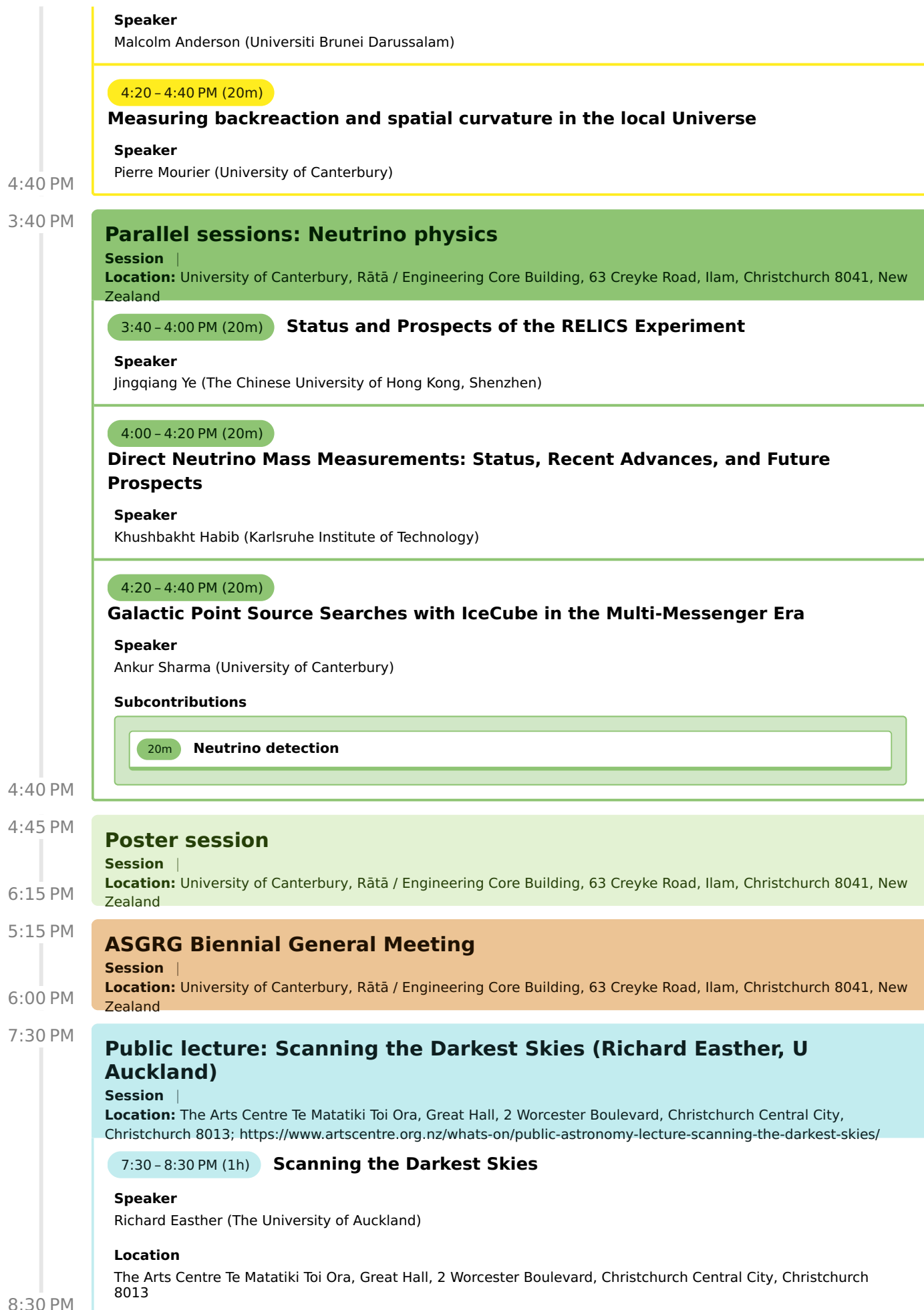
3:40 – 4:00 PM (20m)

Directional variations of cosmological parameters from the Planck CMB data

Speaker

Ming Chung Chu (The Chinese University of Hong Kong (HK))

4:00 – 4:20 PM (20m) **Gauge-invariant perturbation cosmology**



Tue, July 7

9:00 AM	<p>Plenary talks: Session 3</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>9:00 – 9:35 AM (35m)</p> <p>Bustling Universe Radio Survey Telescope in Taiwan (BURSTT): Status and Prospect</p> <p>Speaker Jiwoo Nam (National Taiwan University)</p> <p>9:35 – 10:10 AM (35m) New Measurements in the Era of Precision Neutrino Physics</p> <p>Speaker Nicole Bell (The University of Melbourne)</p> <p>10:10 – 10:45 AM (35m)</p> <p>Timescape versus ΛCDM – precision tests of emerging spatial curvature</p> <p>Speaker David Wiltshire (University of Canterbury)</p>
10:45 AM	<p>Morning Tea/Coffee</p> <p>Break Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
11:15 AM	<p>Plenary talks: Session 4</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>11:15 – 11:50 AM (35m) PandaX: Deep Underground Xenon Observatory in China</p> <p>Speaker Jianglai Liu (Shanghai Jiao Tong University)</p> <p>11:50 AM – 12:25 PM (35m) Status and perspectives of KAGRA</p> <p>Speaker Hirotaka Takahashi (Tokyo City University)</p>
12:30 PM	<p>Lunch</p> <p>Break Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
1:30 PM	<p>Conference Excursion</p> <p>Session Location: Christchurch Gondola, https://www.christchurchattractions.nz/christchurch-gondola/ ... Coaches depart UC immediately after lunch. At the summit station refreshments will be served in the Pinnacles Room.</p>
5:30 PM	

Wed, July 8

9:00 AM	<p>Plenary talks: Session 5</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>9:00 – 9:35 AM (35m) Black Holes Trapped by Ghosts</p> <p>Speaker Bin Wang (Shanghai Jiao Tong University / Yangzhou University)</p> <p>9:35 – 10:10 AM (35m) Long-Baseline Neutrino Experiments: Oscillations and Beyond</p> <p>Speaker Seon-Hee (Sunny) Seo (Fermilab, USA)</p>
10:10 AM	<p>Morning Tea/Coffee</p> <p>Break Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
10:40 AM	<p>Plenary talks: Session 6</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>10:40 – 11:15 AM (35m) Inflation — my personal perspective</p> <p>Speaker Misao Sasaki (Asia Pacific Center for Theoretical Physics)</p> <p>11:15 – 11:50 AM (35m)</p> <p>Rethinking Gravity: From Torsion and Nonmetricity to Black Holes and Cosmology</p> <p>Speaker Sebastian Bahamonde (Institute for Basic Science, Daejeon)</p>
11:50 AM	<p>Lunch</p> <p>Break Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
12:00 PM	<p>APCosPA Council Meeting (over lunch)</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p>
1:30 PM	<p>Parallel sessions: ACGRG/NZ Gravity Student Talks</p> <p>Session Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand</p> <p>1:30 – 1:50 PM (20m)</p> <p>Standard Siren Cosmology in the Era of the Next-generation Gravitational Wave Detectors</p> <p>Speaker SHANGJIE JIN (University of Western Australia)</p> <p>1:50 – 2:10 PM (20m) PBH Flybys of SMBHs: Say Hello, Wave Goodbye</p>

Speaker

Laura Burn (University of Auckland)

2:10 - 2:30 PM (20m)

The Hunt for the next Galactic supernova**Speaker**

Tarin Eccleston (The University of Auckland)

2:30 - 2:50 PM (20m)

Massive black holes in binary solitons**Speaker**

Russell Boey (University of Auckland)

2:50 - 3:10 PM (20m)

Light, Gravity and Coffee (Astrophysical Implications of Non-linear Gravitational and Electromagnetic Scattering)**Speaker**

Jesse Satherley (University of Canterbury)

3:10 PM

1:30 PM

Parallel sessions: Dark matter - detection**Session** |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m)

Searching for ultralight dark matter from terrestrial magnetic fields**Speaker**

Kimihiko Nomura (Kyoto University)

1:50 - 2:10 PM (20m)

WimPyDD and WimPyC: Python codes exploiting the complementarity between WIMP direct detection and indirect detection**Speaker**

Sunghyun Kang (CQEST, Sogang University)

2:10 - 2:30 PM (20m)

First Bubbles in the SBC-LAr10 Detector**Speaker**

Russell Neilson (Drexel University)

2:30 - 2:50 PM (20m)

Development of A Novel Compton Camera for MeV Gamma Ray Measurement**Speaker**

Mengjiao Xiao (Shanghai Jiao Tong University)

2:50 - 3:10 PM (20m)

The SABRE South Experiment at the Stawell Underground Physics Laboratory**Speaker**

Daniel Marcantonio (University of Melbourne)

3:10 PM

1:30 PM

Parallel sessions: Gravitational waves**Session** |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m)

Careless Whispers: Sub-threshold post-merger gravitational waves constrain the hot nuclear equation of state

Speaker

Fiona Panther (University of Western Australia)

1:50 – 2:10 PM (20m)

Probing ultra-dense matter with gravitational waves from binary neutron star coalescences**Speaker**

Luca Baiotti (The University of Osaka)

2:10 – 2:30 PM (20m)

Neural Posterior Estimation for BBH Foreground Subtraction in 3G SGWB Searches**Speaker**

Zhenwei Lyu (Leicester International Institute, Dalian University of Technology)

2:30 – 2:50 PM (20m)

Dynamics of a binary system around SMBH and gravitational waves**Speaker**

Kei-ichi MAEDA (Waseda University)

2:50 – 3:10 PM (20m)

Efficiency of current gravitational wave microlensing searches using isolated compact object lenses**Speaker**

Uddeepa Deka

3:10 PM

3:10 PM

Afternoon Tea/Coffee**Break****Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 PM

3:40 PM

Parallel sessions: ACGRG/NZ Gravity Student Talks + Mathematical Relativity**Session****Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 – 4:00 PM (20m)

From Black Holes to Stars: Rigidity Beyond Einstein Gravity**Speaker**

Nitesh Dubey (Indian Institute of Astrophysics, Bengaluru)

4:00 – 4:20 PM (20m)

Asymptotic Generation of Kerr Geometry from Schwarzschild via BMS Supertranslations**Speaker**

Nihar Ranjan Ghosh

4:20 – 4:40 PM (20m)

Numerical Implementation of the Friedrich-Nagy Initial Boundary Value Problem**Speaker**

Areeba Merriam (University of Canterbury)

4:40 – 5:00 PM (20m)

Gravitational wave simulations from past to future null infinity**Speaker**

Chris Stevens (University of Canterbury)

5:00 – 5:20 PM (20m) **The Teukolski equation for the Baines-Visser spacetime**

Speaker

Joshua Baines (The University of Melbourne)

5:20 PM

3:40 PM

Parallel sessions: Astroparticle and relativistic astrophysics

Session |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 – 4:00 PM (20m)

Hybrid black hole- and disk-driven jets: Steady axisymmetric ideal MHD modeling

Speaker

Bin Chen (Ningbo University)

4:00 – 4:20 PM (20m)

Magnetic field in low-mass X-ray binaries and Dark Matter signals

Speaker

Stefano Scopel (CQUeST, Sogang University)

4:20 – 4:40 PM (20m)

UHECRs Beyond the GZK Limit as Magnetic Monopole Candidates

Speaker

Michael Padgett (Vanderbilt University)

4:40 – 5:00 PM (20m)

Testing the Leptogenesis from Observable Gravitational Waves

Speaker

Yongcheng Wu (Nanjing Normal University)

5:00 – 5:20 PM (20m)

Search for galactic gamma-ray hotspots using IceTop and IceCube

Speaker

Sebastian Vergara Carrasco (University of Canterbury (UC))

5:20 PM

3:40 PM

Parallel sessions: Early universe cosmology

Session |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

3:40 – 4:00 PM (20m)

Non-Markovian effects in stochastic inflation

Speaker

Diego Cruces Mateo (Institute of Theoretical Physics - Chinese Academy of Sciences (ITP,CAS))

4:00 – 4:20 PM (20m)

On the Fate of Inflaton after Inflation: Fragmentation, Oscillon Formation and Decay

Speaker

Swagat Saurav Mishra (Centre for Theoretical Physics of the Universe, Institute for Basic Science)

4:20 – 4:40 PM (20m)

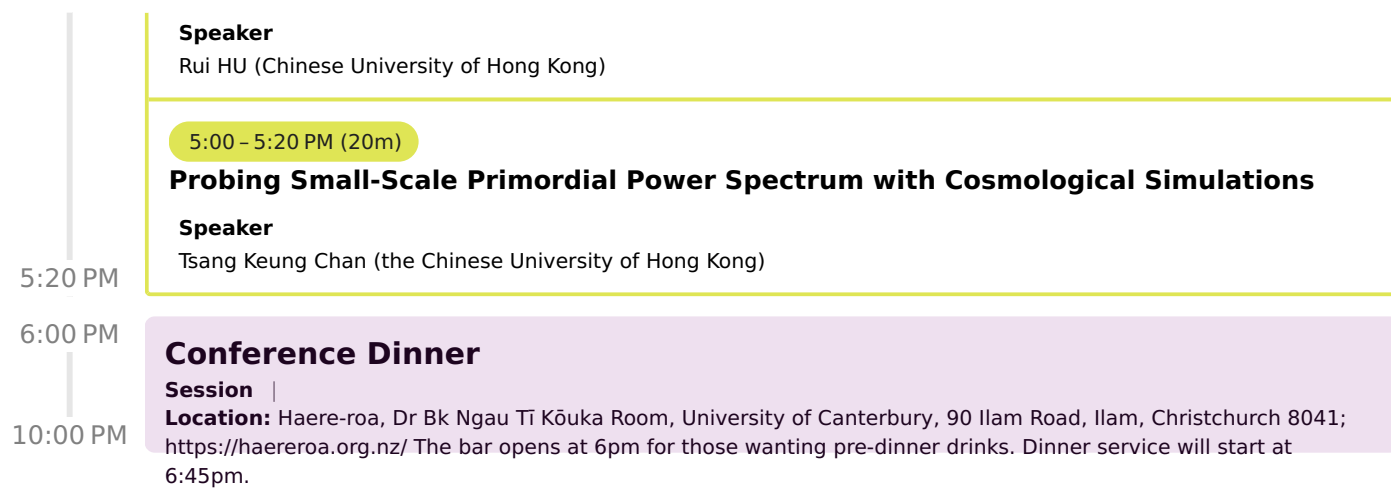
A Unified Axion Framework for Dark Sectors and Early Structure Formation

Speaker

Cindy Gulis (Department of Astronomy & Astrophysics, The Pennsylvania State University)

4:40 – 5:00 PM (20m)

Impact of light sterile neutrino on cosmic structure formation



Thu, July 9

9:00 AM

Plenary talks: Session 7

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

9:00 – 9:35 AM (35m)

PeVatrons: The Most Extreme Particle Accelerators in our Galaxy

Speaker

Sabrina Einecke (University of Adelaide)

9:35 – 10:10 AM (35m)

On Dark Energy Reconstruction and Interpretation

Speaker

Arman Shafieloo (Korea Astronomy and Space Science Institute)

10:10 – 10:45 AM (35m)

Gravitational Wave Astronomy with the TianQin Space Observatory

Speaker

Yi-Ming Hu (Sun Yat-sen University)

10:45 AM

10:45 AM

Morning Tea/Coffee

Break |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

11:15 AM

11:15 AM

Plenary talks: Session 8

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

11:15 – 11:50 AM (35m)

Dark matter and gravitational wave signals from a phase transition in the early universe

Speaker

Torsten Bringmann (University of Oslo (NO))

11:50 AM – 12:25 PM (35m)

The Present and Future of Neutrino Astronomy

Speaker

Naoko Kurahashi Neilson (Drexel University, USA)

12:30 PM

12:30 PM

Lunch

Break |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 PM

1:30 PM

Parallel sessions: Black holes - Mathematical aspects

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

1:30 – 1:50 PM (20m)

The (non-)uniqueness of multipole moments beyond general relativity

Speaker

Arthur Suvorov (University of Alicante)

1:50 - 2:10 PM (20m) **Kerr black holes as circular polarizers****Speaker**

De-Chang Dai (National Dong Hwa University)

2:10 - 2:30 PM (20m) **The hidden symmetries of slowly rotating black holes****Speaker**

Finnian Gray (Macquarie University)

2:30 - 2:50 PM (20m) **How Time-Evolving Photon Polarization Encodes Kerr Ringdown****Speaker**

Yehui Hou (Tsung-Dao Lee Institute)

3:10 PM

1:30 PM

Parallel sessions: Gravity - foundational aspects**Session** |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Croyke Road, Ilam, Christchurch 8041, New Zealand1:30 - 1:50 PM (20m) **Gravity-Induced Entanglement in an infinite square well****Speaker**

Fu-Wen Shu (Nanchang University)

1:50 - 2:10 PM (20m)

Hunting for the observational signature of universal horizon and Lorentz-violation effects**Speaker**

Chao Zhang (China University of Petroleum-Beijing)

2:10 - 2:30 PM (20m) **Inside Black Holes, Singularity to Complementarity****Speaker**

Dingfang Zeng (Beijing University of Technology)

3:10 PM

1:30 PM

Parallel sessions: Observational cosmology**Session** |**Location:** University of Canterbury, Rātā / Engineering Core Building, 63 Croyke Road, Ilam, Christchurch 8041, New Zealand

1:30 - 1:50 PM (20m)

Mapping the nanohertz gravitational-wave sky to reveal the origin of the stochastic background**Speaker**

Eric Thrane (Monash University)

1:50 - 2:10 PM (20m) **Do Cosmic String Segments Emit Gravitational Waves?****Speaker**

Akifumi Chitose (Institute for Cosmic Ray Research, University of Tokyo)

2:10 - 2:30 PM (20m) **Observed Evidence for the Primordial Origin of Galaxy Sizes****Speaker**

Jounghun Lee

2:30 – 2:50 PM (20m)

Testing universal pressure profile models on Sunyaev-Zel'dovich galaxy cluster data

Speaker

Denis Tramonte (Xi'an Jiaotong-Liverpool University)

3:10 PM

Closing Remarks and Award Presentations

Session |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

Description

The Kerr Prize Award for the best ACGRG student talk will be presented in this session.

3:10 PM

3:40 PM

3:40 PM

Afternoon Tea/Coffee

Break |

Location: University of Canterbury, Rātā / Engineering Core Building, 63 Creyke Road, Ilam, Christchurch 8041, New Zealand

4:10 PM