

Session Program

14-24 Jul 2025



ICRC 2025 - The Astroparticle Physics Conference

GWMS

CICG - International Conference Centre - Geneva, Switzerland
17 rue de Varembe CH - 1211 Geneva Switzerland

Monday 21 July

13:20

GWMS

Session | Location: Room 8

13:20–13:35

Sensitivity of the Cherenkov Telescope Array Observatory to the gamma-ray counterparts of neutrino events detected by IceCube

Speaker

Olga Sergijenko

13:35–13:50

A Hierarchical Shock Acceleration Model for Ultra-High-Energy Cosmic Rays and Multimessenger Signatures

Speaker

Dr Paul Simeon

13:50–14:05

Inferring properties of binary neutron star mergers from the shock breakout emission

Speaker

Eduardo Mario Gutiérrez

14:05–14:20

Probing for Gamma-Ray Emission near KM3-230213A Neutrino Event with VERITAS

Speaker

Connor Mooney

14:20–14:35

Latest Results from the Searches for Photons at the Highest Energies with the Pierre Auger Observatory

Speaker

Pierpaolo Savina

14:35

15:20

GWMS

Session | Location: Room 8

15:20–15:35

Constraints on the Population of Common Sources of Gravitational Waves and High-Energy Neutrinos with IceCube During the Third Observing Run of the LIGO and Virgo Detectors

Speaker

Doğa Veske

15:35–15:50

J1048+7143: Signatures of a Supermassive Binary Black Hole Close to Merger?

Speaker

Ilja Jaroschewski

15:50–16:05

Crystal Eye: an instrument with a wide view of the MeV sky to study the astrophysical photons**Speaker**

Ritabrata Sarkar

16:05–16:20

Multi-Messenger Search for Neutrino and Gravitational-Wave Emissions from Binary Black Holes Near Active Galactic Nuclei**Speaker**

Leonardo Ricca

16:20–16:35

TELAMON: Constraining the Physics of Very-High-Energy Emission in Blazars through High-Frequency Radio Monitoring**Speaker**

Florian Eppel

16:35–16:50

Modeling of Blazar Multimessenger Emission with Convolutional Neural Network**Speaker**

Prof. Narek Sahakyan

16:50

17:05

GWMS: numerical analysis**Session** | **Location:** Room 8

17:05–17:20

MCMC Parameter Study of the Multimessenger Emission from AGN-Starburst Galaxies**Speaker**

Silvia Salvatore

17:20–17:35

CCSNe detection perspectives with 3G GW detectors**Speaker**

Alessandro Vestro

17:35–17:50

New Public Neutrino Alerts for Clusters of IceCube Events**Speaker**

Sarah Louise Mancina

17:50–18:05

Archival Search for IceCube Sub-TeV Neutrino Counterparts to Sub-Threshold Gravitational Wave Events from the Third Observing Run of the LIGO-Virgo-KAGRA**Speaker**

Tista Mukherjee

18:05–18:20

Pre-merger alert to detect the very-high-energy prompt emission from binary neutron-star mergers: Einstein Telescope and Cherenkov Telescope Array synergy**Speaker**

Biswajit Banerjee

18:20-18:35

Astro-COLIBRI: A Comprehensive Platform for Real-Time Multi-Messenger Astrophysics

Speaker

Dr Fabian Schüssler

18:35

Wednesday 23 July

13:20

GWMS

Session | **Location:** Room E

13:20–13:35

THE DIFFUSE HIGH ENERGY NON-AGN NEUTRINO EMISSION

Speaker

Antonio Marinelli

13:35–13:50

Constraints on the ultra-high-energy Galactic gamma-ray emission from neutrino data

Speaker

Samy Kaci

13:50–14:05

Search for Neutrinos from the Galactic 4FGL Sources with the Pion-bump Signature with IceCube

Speaker

Alejandra Maria Granados Hernandez

14:05–14:20

IceCube population constraints on neutrino emission by Fermi-LAT detected active galactic nuclei

Speaker

SAMUEL HORI

14:20–14:35

Joint Detection Prospects of Binary Neutron Star Mergers using CTA - Gravitational-Wave Detectors and high energy neutrino emission scenarios

Speaker

Ms Tanim Mondal

14:35

15:20

GWMS: intensity interferometry

Session | **Location:** Room E | **Convener:** Dr Nicolas Produit

15:20–15:35

Observations of Fast Rotating Stars with the VERITAS Stellar Intensity Interferometer (VSII)

Speaker

Dave Kieda

15:35–15:50

Prospects and first optical intensity interferometry results with the MAGIC and CTAO-North LST telescopes

Speaker

Irene Jiménez Martínez

15:50–16:05

Resolving Binary Systems down to Milli-Arcsecond Precision through Stellar Intensity Interferometry with MAGIC and LST-1**Speaker**

Aramis Raiola

16:05–16:20

Intensity Interferometry prospects with the CTAO**Speaker**

Prasenjit Saha

16:20–16:35

Reaching 10 microarcsec in the optical to resolve accretion disks**Speaker**

Roland Walter

16:35–16:50

Development of sub 50 picosecond intensity interferometry for astrophysics**Speaker**

Gilles Koziol

16:50