

Gravitational Wave Orchestra in the Alps



Report of Contributions

Contribution ID: 7

Type: **not specified**

Art project seminar: The Triangle by Jan de Coninck

Tuesday, September 17, 2024 6:00 PM (1 hour)

Contribution ID: 8

Type: **not specified**

Tartiflette at LAPP

Tuesday, September 17, 2024 7:00 PM (2 hours)

Contribution ID: 9

Type: **not specified**

Social dinner

Thursday, September 19, 2024 7:30 PM (2h 30m)

Contribution ID: **11**

Type: **not specified**

Panel Theory

Contribution ID: 12

Type: **not specified**

Panel Data Analysis

Contribution ID: 26

Type: **not specified**

Review talk

Tuesday, September 17, 2024 2:15 PM (45 minutes)

Presenter: RENZINI, Arianna

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: 27

Type: **not specified**

Detecting a non isotropic background

Tuesday, September 17, 2024 3:00 PM (30 minutes)

Presenter: AIN, Anirban

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: 28

Type: **not specified**

Simulating a Stochastic Anisotropic Background

Presenter: AIN, Arniban

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: 29

Type: **not specified**

Effect of correlated magnetic noise on directional stochastic gravitational wave background searches

Tuesday, September 17, 2024 4:00 PM (30 minutes)

Presenter: VENIKOUDIS, Stavros

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: **30**

Type: **not specified**

Detection methods for a non-Gaussian gravitational wave background

Tuesday, September 17, 2024 4:30 PM (30 minutes)

Presenter: KOUROYANAGI, Sachiko

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: 31

Type: **not specified**

Stochastic GW background from binary neutron stars, inspiral to postmerger

Tuesday, September 17, 2024 5:00 PM (30 minutes)

Presenter: LEHOUCQ, Leonard

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra

Contribution ID: 32

Type: **not specified**

XG global GW detector network: Impact of detector orientation on compact binary coalescence and stochastic GW background searches

Wednesday, September 18, 2024 9:30 AM (30 minutes)

Presenter: EBERSOLD, Michael

Session Classification: Next generation terrestrial detectors

Contribution ID: 33

Type: **not specified**

Anisotropies and polarization of the Stochastic GW background with 3G detectors

Wednesday, September 18, 2024 9:00 AM (30 minutes)

Presenter: MENTASTI, Giorgio

Session Classification: Next generation terrestrial detectors

Contribution ID: 34

Type: **not specified**

The astrophysical gravitational-wave background as a cosmological probe

Wednesday, September 18, 2024 10:00 AM (25 minutes)

Presenter: CAPURRI, Guilia

Session Classification: Next generation terrestrial detectors

Contribution ID: 35

Type: **not specified**

Investigating cosmic histories with a stiff era through Gravitational Waves

Wednesday, September 18, 2024 11:00 AM (30 minutes)

Presenter: DUVAL, Hannah

Session Classification: Next generation terrestrial detectors

Contribution ID: 36

Type: **not specified**

Dissipative Effects as New Observables for Cosmological Phase Transitions

Presenter: GUO, Huaike

Session Classification: Next generation terrestrial detectors

Contribution ID: 37

Type: **not specified**

Gravitational Waves to unveil primordial non-Gaussianity

Wednesday, September 18, 2024 11:30 AM (30 minutes)

Presenter: PERNA, Gabriele

Session Classification: Next generation terrestrial detectors

Contribution ID: **38**

Type: **not specified**

Isotropic searches with terrestrial detectors LIGO-Virgo-Kagra

Wednesday, September 18, 2024 2:00 PM (1 hour)

Presenter: ROMERO, Alba

Session Classification: Data analysis tutorials

Contribution ID: 39

Type: **not specified**

Directional searches with terrestrial detectors LIGO, Virgo, Kagra

Wednesday, September 18, 2024 3:00 PM (1 hour)

Presenter: AIN, Arniban

Session Classification: Data analysis tutorials

Contribution ID: 40

Type: **not specified**

Simulating and analysing LISA measurements of gravitational wave backgrounds

Wednesday, September 18, 2024 4:30 PM (1 hour)

Presenter: BAGHI, Quentin

Session Classification: Data analysis tutorials

Contribution ID: 41

Type: **not specified**

Review talk

Presenter: MURATORE, Martina

Session Classification: Pulsar Timing Arrays

Contribution ID: 42

Type: **not specified**

To be confirmed

Session Classification: Pulsar Timing Arrays

Contribution ID: 43

Type: **not specified**

Review talk

Thursday, September 19, 2024 10:15 AM (45 minutes)

Presenter: BABAK, Stas

Session Classification: Pulsar Timing Arrays

Contribution ID: 44

Type: **not specified**

Optimal reconstruction of the Hellings and Downs correlation

Thursday, September 19, 2024 11:30 AM (30 minutes)

Presenter: ALLEN, Bruce

Session Classification: Pulsar Timing Arrays

Contribution ID: 45

Type: **not specified**

Cosmic variance of the Hellings and Downs correlation for ensembles of universes having non-zero angular power spectra

Thursday, September 19, 2024 12:00 PM (30 minutes)

Presenter: AGARWAL, Deepali

Session Classification: Pulsar Timing Arrays

Contribution ID: 46

Type: **not specified**

Measuring kinematic anisotropies with Pulsar Timing Arrays

Thursday, September 19, 2024 1:45 PM (30 minutes)

Presenter: MALHOTRA, Ameet

Session Classification: Pulsar Timing Arrays

Contribution ID: 47

Type: **not specified**

Pulsar Timing Arrays as probes of the early universe

Thursday, September 19, 2024 2:15 PM (30 minutes)

Presenter: PERRODIN, Delphine

Session Classification: Pulsar Timing Arrays

Contribution ID: 48

Type: **not specified**

CMB experiments

Thursday, September 19, 2024 2:45 PM (45 minutes)

Presenter: BIQUARD, Simon

Session Classification: Other Experiments

Contribution ID: 49

Type: **not specified**

Stochastic gravitational wave background constraints from Gaia DR3 astrometry

Thursday, September 19, 2024 3:30 PM (30 minutes)

Presenter: JARABA, Santiago

Session Classification: Other Experiments

Contribution ID: 50

Type: **not specified**

Theory and modeling

Thursday, September 19, 2024 4:30 PM (45 minutes)

Presenter: CAPRINI, Chiara

Session Classification: Panels

Contribution ID: 51

Type: **not specified**

Data analysis

Thursday, September 19, 2024 5:15 PM (45 minutes)

Presenter: ROMANO, Joseph

Session Classification: Panels

Contribution ID: 52

Type: **not specified**

Searches with PTA

Wednesday, September 18, 2024 5:30 PM (1 hour)

Presenter: SHAIFULLAH, Golam

Session Classification: Data analysis tutorials

Contribution ID: 53

Type: **not specified**

Review talk

Thursday, September 19, 2024 9:00 AM (45 minutes)

Presenter: MURATORE, Martina

Session Classification: Space detector LISA

Contribution ID: 54

Type: **not specified**

Measuring Gravitational Wave Backgrounds (GWBs) with LISA

Thursday, September 19, 2024 9:45 AM (30 minutes)

Presenter: PIERONI, Mauro

Session Classification: Space detector LISA

Contribution ID: 55

Type: **not specified**

Introduction

Tuesday, September 17, 2024 2:00 PM (15 minutes)

Presenter: Dr REGIMBAU, Tania ({CNRS}UMR5814)

Session Classification: Terrestrial laser interferometers LIGO-Virgo-Kagra