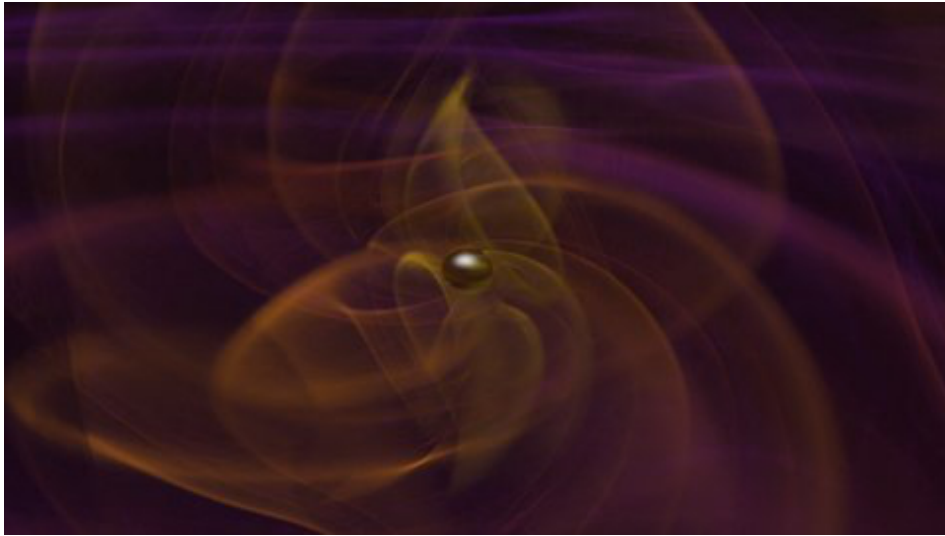


# **9th Belgian-Dutch Gravitational Waves Meeting**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome

*Thursday, June 17, 2021 9:50 AM (10 minutes)*

**Presenter:** BROECK, Chris Van Den

Contribution ID: 2

Type: **not specified**

## Keynote talk

*Thursday, June 17, 2021 10:00 AM (50 minutes)*

**Presenter:** DIETRICH

Contribution ID: 3

Type: **not specified**

## Status of LIGO-Virgo observations

*Thursday, June 17, 2021 11:30 AM (20 minutes)*

**Presenter:** CAUDILL

Contribution ID: 4

Type: **not specified**

## **Status of ETPathfinder and ETest**

*Thursday, June 17, 2021 12:10 PM (20 minutes)*

**Presenters:** COLLETTE; HILD

Contribution ID: 5

Type: **not specified**

## Status of Einstein Telescope

*Thursday, June 17, 2021 12:30 PM (20 minutes)*

**Session Classification:** Break

Contribution ID: 6

Type: **not specified**

## Status of Einstein Telescope

*Thursday, June 17, 2021 2:00 PM (20 minutes)*

**Presenter:** FREISE

Contribution ID: 8

Type: **not specified**

## **Discussions on schools, tutorials, ...**

**Session Classification:** Break



Contribution ID: 9

Type: **not specified**

## Status of Advanced Virgo

*Thursday, June 17, 2021 11:10 AM (20 minutes)*

**Presenter:** TACCA

Contribution ID: **10**

Type: **not specified**

## Status of pulsar timing

Contribution ID: **11**

Type: **not specified**

## **Status of LISA**

*Thursday, June 17, 2021 11:50 AM (20 minutes)*

**Presenter:** ROSSI

Contribution ID: 12

Type: **not specified**

## **A new kid on the block: UCLouvain's instrumentation section**

*Thursday, June 17, 2021 2:20 PM (20 minutes)*

**Presenter:** BADARACCO

**Session Classification:** Contributed talks

Contribution ID: 13

Type: **not specified**

## **Searching for dark photon dark matter with gravitational-wave detectors**

*Thursday, June 17, 2021 2:40 PM (20 minutes)*

**Presenter:** MILLER

**Session Classification:** Contributed talks

Contribution ID: 14

Type: **not specified**

## Contributed talks

**Session Classification:** Contributed talks

Contribution ID: 15

Type: **not specified**

## **Ringling of black holes in higher-derivative gravity**

*Friday, June 18, 2021 9:00 AM (20 minutes)*

**Presenter:** CANO

**Session Classification:** Contributed talks

Contribution ID: 16

Type: **not specified**

## **Nonlinear curvature effects in gravitational waves from black hole binaries**

*Friday, June 18, 2021 9:20 AM (20 minutes)*

**Presenter:** SHIRALLOU

**Session Classification:** Contributed talks



Contribution ID: 17

Type: **not specified**

# **Ultralight bosons around black holes with numerical relativity**

*Friday, June 18, 2021 9:40 AM (20 minutes)*

**Presenter:** WERNERSSON

**Session Classification:** Contributed talks

Contribution ID: **18**

Type: **not specified**

## **Love number ambiguities**

*Friday, June 18, 2021 10:00 AM (20 minutes)*

**Presenter:** CRECI

**Session Classification:** Contributed talks

Contribution ID: 19

Type: **not specified**

## **Gravitational wave memory effects in GR and beyond**

*Friday, June 18, 2021 3:40 PM (20 minutes)*

**Presenter:** SERAJ

**Session Classification:** Contributed talks

Contribution ID: 20

Type: **not specified**

## **A search for radio emission from double-neutron star merger GW190425 using Apertif**

*Friday, June 18, 2021 4:00 PM (20 minutes)*

**Presenter:** BOERSMA

**Session Classification:** Contributed talks

Contribution ID: 21

Type: **not specified**

## **GLADE+: An Extended Galaxy Catalog for Multimessenger Searches with Advanced Gravitational-wave Detectors**

*Friday, June 18, 2021 4:20 PM (20 minutes)*

**Presenter:** DALYA

**Session Classification:** Contributed talks

Contribution ID: 22

Type: **not specified**

## **Statistical investigation on the spatial correlation between GW detections and AGNs**

*Friday, June 18, 2021 4:40 PM (20 minutes)*

**Presenter:** VERONESI

**Session Classification:** Contributed talks

Contribution ID: 23

Type: **not specified**

## **The hierarchical assembly of galaxies and black holes in the first billion years: predictions for the era of gravitational wave astronomy**

*Friday, June 18, 2021 2:00 PM (20 minutes)*

**Presenter:** DAYAL

**Session Classification:** Contributed talks

Contribution ID: 24

Type: **not specified**

## **Probing SMBH with LISA**

*Friday, June 18, 2021 2:20 PM (20 minutes)*

**Presenter:** CHAKRABORTY

**Session Classification:** Contributed talks



Contribution ID: 25

Type: **not specified**

## **Measuring magnetic field strengths of compact objects by gravitational waves**

*Friday, June 18, 2021 2:40 PM (20 minutes)*

**Presenter:** KOEKOEK

**Session Classification:** Contributed talks

Contribution ID: 26

Type: **not specified**

## **Precision cosmology from gravitational wave sources**

*Friday, June 18, 2021 3:00 PM (20 minutes)*

**Presenter:** MUKHERJEE

**Session Classification:** Contributed talks

Contribution ID: 27

Type: **not specified**

## **Convolutional neural networks for the detection of the early inspiral of a gravitational-wave signal**

*Friday, June 18, 2021 11:00 AM (20 minutes)*

**Presenter:** BALTUS

**Session Classification:** Contributed talks

Contribution ID: 28

Type: **not specified**

## **A fast and precise methodology to search for and analyse strongly lensed gravitational-wave events**

*Friday, June 18, 2021 11:20 AM (20 minutes)*

**Presenter:** JANQUART

**Session Classification:** Contributed talks

Contribution ID: 29

Type: **not specified**

## **Hunt for sub-solar primordial black holes**

*Friday, June 18, 2021 11:40 AM (20 minutes)*

**Presenter:** PHUKON

**Session Classification:** Contributed talks

Contribution ID: 33

Type: **not specified**

## Mimicking Kerr's multipole moments

*Friday, June 18, 2021 10:40 AM (20 minutes)*

**Presenter:** BONGA

**Session Classification:** Contributed talks

Contribution ID: 34

Type: **not specified**

## **Mode mismatch mitigation using a Phase Camera at 1550 nm**

*Thursday, June 17, 2021 3:00 PM (20 minutes)*

**Presenter:** CABRITA

**Session Classification:** Contributed talks