

Session Program

30 May 2022 to 1 June 2022



Nederlandse Astronomenconferentie 2022

Plenary Session

Duinse Polders
Ruzettenlaan 195 B-8370 Blankenberge Belgium

Monday 30 May

13:00

Plenary Session: Gravitational Waves

Session | **Location:** Congreszaal | **Convener:** Sven De Rijcke

13:00-13:10 **Welcome**

Speaker

Sven De Rijcke

13:10-13:40

Cosmology with LIGO-Virgo-KAGRA observations and with the Einstein Telescope

Speaker

Archisman Ghosh

13:40-13:55

Gravitational-wave and radio emission from black hole-neutron star mergers in the Einstein Telescope era

Speaker

Oliver Boersma

13:55-14:10

The location of BNS mergers through short GRB hosts and NGC 4993

Speaker

Nicola Gaspari

14:10-14:25

Nonparametric consistency test between observations and astrophysical models

Speaker

Fiorenzo Stoppa

14:25

Tuesday 31 May

09:00

Plenary Session: New Facilities and Data

Session | **Location:** Congreszaal | **Convener:** Maarten Baes

09:00–09:20 **Detecting cosmic rays with radio telescopes**

Speaker

Katharine Mulrey

09:20–09:40 **Gaia Data Release 3: a Preview**

Speaker

Anthony Brown

09:40–10:00 **The current status of JWST**

Speaker

Marijn Franx

10:00–10:15 **NOVA optical infrared instrumentation program overview**

Speaker

Ramon Navarro

10:15–10:30

Mitigating interference fringes in JWST MIRI Medium Resolution Spectrometer: supporting the Dutch community

Speaker

Nicolas Crouzet

10:30

Wednesday 1 June

09:00

Plenary Session: Observational Cosmology

Session | **Location:** congreszaal | **Convener:** Arjen van der Wel

09:00–09:20 **Cosmology from KiDS**

Speaker

Koen Kuijken

09:20–09:40 **Growing up: from KiDS to Euclid**

Speaker

Henk Hoekstra

09:40–10:00 **An X-ray of the cosmic dawn**

Speaker

Nina Sartorio

10:00–10:15 **Unveiling the Cosmic Dawn and Reionization with LOFAR-AARTFAAC**

Speaker

Bharat Kumar Gehlot

10:15–10:30

The Prevalence of Galaxy Overdensities Around UV-Luminous Lyman alpha Emitters in the Epoch of Reionization

Speaker

Ecaterina Leonova

10:30

11:00

Plenary Session: Disks and Accretion

Session | **Location:** congreszaal | **Convener:** Hans Van Winckel

11:00–11:20 **SARIs : a new paradigm for turbulent accretion onto black holes**

Speaker

Ronny Keppens

11:20–11:40

Evaluating the jet/accretion coupling of Aql X-1: probing the contribution of accretion flow spectral components

Speaker

Stefanie Fijma

11:40–12:00

Circumstellar discs around evolved post-AGB binary systems: a site for planet formation?

Speaker

Akke Corporaal

12:00