

Session Program

May 30, 2022 to June 1, 2022



Nederlandse Astronomenconferentie 2022

Parallel session

Duinse Polders
Ruzettenlaan 195 B-8370 Blankenberge Belgium

Mon, May 30

2:35 PM

Parallel session: Extreme Astrophysics / Compact Objects

Session | Location: Feestzaal 1 | Convener: nathalie degenaar

2:35 - 2:50 PM **DISTURB: real-time solar radio burst detector**

Speaker

Michiel Brentjens

2:50 - 3:05 PM

The African extension to the Event Horizon Telescope: making movies of black holes

Speaker

Noemi La Bella

3:05 - 3:20 PM

Direction dependently calibrating Low Frequency Array data with two algorithms: DDECAL vs. SAGECAL

Speaker

Gan Hyoyin

3:20 - 3:35 PM

Determination of the elements making up ultra-high energy cosmic rays using the Auger Engineering Radio Array.

Speaker

Bjarni Pont

3:35 - 3:50 PM

The fall of css100217: a tidal disruption-induced low state in an apparently hostless active galactic nucleus

Speaker

Giacomo Cannizzaro

3:50 - 4:05 PM

Coupling between the accreting corona and the relativistic jet in the microquasar GRS 1915+105

Speaker

Mariano Mendez

4:05 PM

4:35 PM

Parallel session: Extreme Astrophysics / Compact Objects

Session | Location: Feestzaal 1 | Convener: Archisman Ghosh

4:35 - 4:50 PM **Microsecond-duration bursts of FRB 20121102A**

Speaker

Mark Snelders

4:50 - 5:05 PM **Star + black hole = neutrino?**

Speaker
Sjoert van Velzen

5:05 - 5:20 PM **Cold gas removal by low-luminosity radio jets: case of B2 0258+35**

Speaker
Suma Murthy

5:20 - 5:35 PM

Importance of stable mass transfer and stellar winds for the formation of gravitational waves sources

Speaker
Andras Dorozsmai

5:35 - 5:50 PM

NGC 1068 MATISSE imaging and thermal map of the dust close to the AGN

Speaker
Violeta Gamez Rosas

5:50 - 6:05 PM **New insights into the Galactic magnetar population**

Speaker
Ashley Chrimes

6:05 - 6:20 PM

Probing the highest-energy FRB repeater bursts using thousands of hour observing campaigns

Speaker
Omar Ould-Boukattine

6:20 PM

Tue, May 31

11:00 AM

Parallel session: Stars and Planets

Session | **Location:** congreszaal | **Convener:** Carsten Dominik

11:00 - 11:15 AM

Radiation pressure in 3D hydrodynamical simulations of companion-perturbed AGB outflows

Speaker

Mats Esseldeurs

11:15 - 11:30 AM

Analysing the SEDs of protoplanetary disks with machine learning

Speaker

Till Kaeufer

11:30 - 11:45 AM

How flux rope heating models affect solar prominence formation.

Speaker

Nicolas Brughmans

11:45 AM - 12:00 PM

Black Mirror: The impact of rotational broadening on the search for reflected light from exoplanet atmospheres with high resolution spectroscopy

Speaker

Eleanor Spring

12:00 - 12:15 PM

Chemical composition of the young massive cluster NGC 1569-B

Speaker

Anastasia Gvozdenko

12:15 - 12:30 PM

Detection of OH in the ultra-hot Jupiter WASP-76b

Speaker

Rico Landman

12:30 PM