

**Session Program**  
**30 May 2022 to 1 June 2022**



**Nederlandse Astronomenconferentie 2022**  
***Parallel Session: Galaxies & Cosmology***

Duinse Polders  
Ruzettenlaan 195 B-8370 Blankenberge Belgium

# Monday 30 May

14:35

## Parallel Session: Galaxies & Cosmology

**Session** | **Location:** Congreszaal | **Convener:** Erwin de Blok

14:35–14:50

### Probing SFR of nearby galaxies with SOFIA/FIFI-LS [CII] observations

#### Speaker

Inja Kovačić

14:50–15:05

### The dynamical state of star forming molecular gas as viewed by PHANGS

#### Speaker

Sharon Meidt

15:05–15:20

### Going deep with MHONGOOSE: uncovering low column density HI with MeerKAT

#### Speaker

Julia Healy

15:20–15:35

### FIR emission-line luminosities to infer ISM physical properties

#### Speaker

Andres Filipe Ramos Padilla

15:35–15:50

### Dynamical modeling of molecular Gas; hydrodynamics simulation of Gas disk around BH

#### Speaker

Mojtaba Raouf

15:50–16:05

### Can Molecular Ratios be used as Diagnostics of AGN and Starburst activity? The Case of NGC 1068.

#### Speaker

Joshua Butterworth

16:05

16:35

## Parallel Session: Galaxies & Cosmology

**Session** | **Location:** Congreszaal | **Convener:** Reynier Peletier

16:35–16:50

### The Virgo Environment Traced in CO Survey: How HI-identified environmental mechanisms affect the molecular gas in cluster galaxies

#### Speaker

Nikki Zabel

16:50–17:05

### Polarised emission from aligned dust grains in nearby galaxies

#### Speaker

Bert Vandenbroucke

17:05–17:20

**Seeing the forest and the trees : a radio investigation of the ULIRG Mrk 273****Speaker**

Pranav Kukreti

17:20–17:35

**Measuring the escape fraction of ionizing photons****Speaker**

Valentin Mauerhofer

17:35–17:50

**Fountain-driven Accretion of Gas on to nearby Spiral Galaxies****Speaker**

Anqi Li

17:50–18:05

**The chemical footprint of AGN feedback in the outflowing circumnuclear disk of NGC1068****Speaker**

Ko-Yun Huang

18:05–18:20

**Multi-band image simulations to unite the shear and redshift calibrations for weak lensing surveys****Speaker**

Shun-Sheng Li

18:20–18:35

**MESSIER Surveyor****Speaker**

David Valls-Gabaud

18:35

## Tuesday 31 May

11:00

### Parallel Session: Galaxies & Cosmology

**Session** | **Location:** feestzaal 1 | **Convener:** Ilse De Looze

11:00–11:15

**A linear relation between outer galaxy radius and virial mass for galaxies 7 billion years ago from LEGA-C**

**Speaker**

Caroline Straatman

11:15–11:30

**The extreme dark matter haloes of gas-rich ultra-diffuse galaxies**

**Speaker**

Pavel E. Mancera Piña

11:30–11:45

**Implications for galaxy formation models from observations of Globular Clusters around Ultra-Diffuse Galaxies**

**Speaker**

Teymoor Saifollahi

11:45–12:00

**Constraining the Milky Way Galactic Center properties with hypervelocity stars**

**Speaker**

Elena Maria Rossi

12:00–12:15

**Measuring the Star-formation Histories from SED fitting in the LEGA-C survey**

**Speaker**

Angelos Nersesian

12:15–12:30

**Stellar streams in the solar neighbourhood**

**Speaker**

Eduardo Balbinot

12:30