



# Nederlandse Astronomenconferentie 2022

## Monday, 30 May 2022

### Parallel Session: Galaxies & Cosmology (14:35 - 16:05)

-Conveners: Erwin de Blok

time	[id] title	presenter
14:35	[21] Probing SFR of nearby galaxies with SOFIA/FIFI-LS [CII] observations	KOVAČIĆ, Inja
14:50	[84] The dynamical state of star forming molecular gas as viewed by PHANGS	MEIDT, Sharon
15:05	[12] Going deep with MHONGOOSE: uncovering low column density HI with MeerKAT	HEALY, Julia
15:20	[13] FIR emission-line luminosities to infer ISM physical properties	RAMOS PADILLA, Andres Filipe
15:35	[14] Dynamical modeling of molecular Gas; hydrodynamics simulation of Gas disk around BH	RAOUF, Mojtaba
15:50	[41] Can Molecular Ratios be used as Diagnostics of AGN and Starburst activity? The Case of NGC 1068.	BUTTERWORTH, Joshua

### Parallel Session: Galaxies & Cosmology (16:35 - 18:35)

-Conveners: Reynier Peletier

time	[id] title	presenter
16:35	[16] The Virgo Environment Traced in CO Survey: How HI-identified environmental mechanisms affect the molecular gas in cluster galaxies	ZABEL, Nikki
16:50	[17] Polarised emission from aligned dust grains in nearby galaxies	VANDENBROUCKE, Bert
17:05	[72] Seeing the forest and the trees : a radio investigation of the ULIRG Mrk 273	KUKRETI, Pranav
17:20	[19] Measuring the escape fraction of ionizing photons	MAUERHOFER, Valentin
17:35	[20] Fountain-driven Accretion of Gas on to nearby Spiral Galaxies	LI, Anqi
17:50	[22] The chemical footprint of AGN feedback in the outflowing circumnuclear disk of NGC1068	HUANG, Ko-Yun
18:05	[70] Multi-band image simulations to unite the shear and redshift calibrations for weak lensing surveys	LI, Shun-Sheng
18:20	[85] MESSIER Surveyor	VALLS-GABAUD, David

# Tuesday, 31 May 2022

## Parallel Session: Galaxies & Cosmology (11:00 - 12:30)

-Conveners: Ilse De Looze

time	[id] title	presenter
11:00	[68] A linear relation between outer galaxy radius and virial mass for galaxies 7 billion years ago from LEGA-C	STRAATMAN, Caroline
11:15	[69] The extreme dark matter haloes of gas-rich ultra-diffuse galaxies	MANCERA PIÑA, Pavel E.
11:30	[71] Implications for galaxy formation models from observations of Globular Clusters around Ultra-Diffuse Galaxies	SAIFOLLAHI, Teymoor
11:45	[81] Constraining the Milky Way Galactic Center properties with hypervelocity stars	ROSSI, Elena Maria
12:00	[15] Measuring the Star-formation Histories from SED fitting in the LEGA-C survey	NERSESIAN, Angelos
12:15	[79] Stellar streams in the solar neighbourhood	BALBINOT, Eduardo