Contribution ID: **64** Type: **Poster**

DISENTANGLING STAR FORMATION AND AGN ACTIVITY IN THE GAMA (G23) REGION

Monday, 6 May 2024 17:03 (2 minutes)

We used a multiwavelength approach to study star-forming (SF) and active galactic nuclei (AGN)-dominated galaxies.
Unlike precedent works focused on individual wavelength regimes, we combined optical and infrared data, which we reprocessed using customized software in
order to enhance the data quality. This led to a better differentiation of the two main categories of galaxies that are indispensable to understanding galaxy
evolution (Yao et al. 2020). We incorporated early science continuum data from MeerKAT into our analysis (Yao et al. 2022).

Yao, H.~F.~M., Jarrett, T.~H., Cluver, M.~E., et al.\ 2020, \apj, 903, 91. doi:10.3847/1538-4357/abba1a

Yao, H.~F.~M., Cluver, M.~E., Jarrett, T.~H., et al.\ 2022, \apj, 939, 26. doi:10.3847/1538-4357/ac8790

keywords

cross-matching, source finding, imaging, AGN, star-forming galaxies

In-person or online?

in-person

Career level

ECR

Primary author: MARC, Harris Yao Fortune (University of Felix Houphouet Boigny)

Presenter: MARC, Harris Yao Fortune (University of Felix Houphouet Boigny)

Session Classification: Poster Sparklers