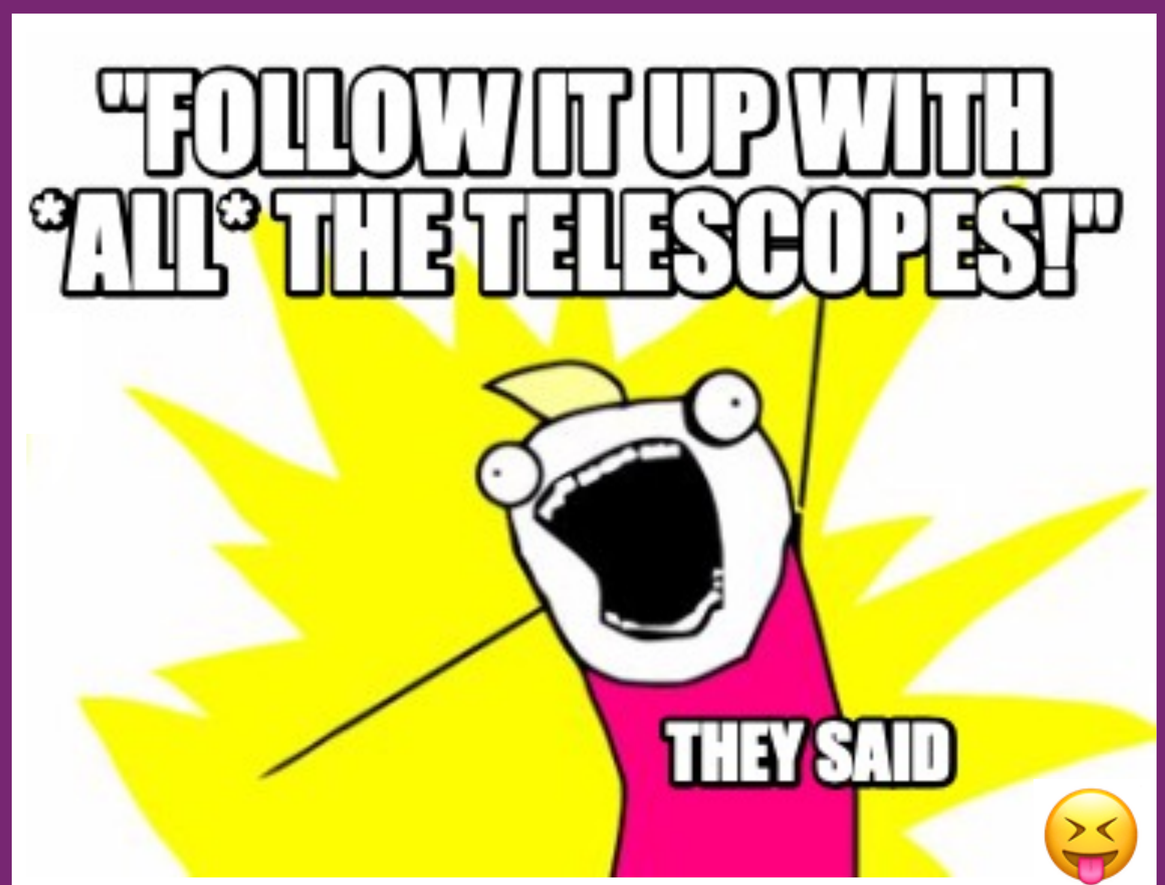

The GLEAM 4-Jy (G4Jy) Sample:
I. Definition and the catalogue
arXiv: 2004.13125
II. Host-galaxy identification for individual sources
arXiv: 2004.13025
(White et al. 2020a, 2020b)

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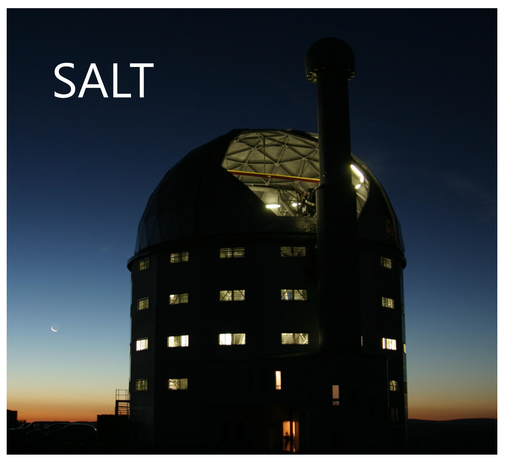
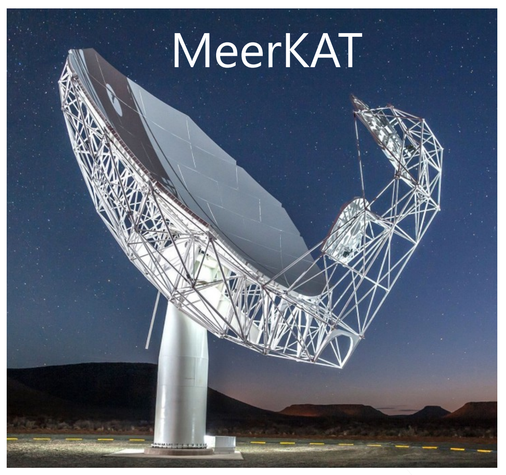
Take a picture for keeping up-to-date on the sample

Approved C- and X-band VLA observations (4-12 GHz) of 44 candidate remnant radio galaxies (PI: Hurley-Walker, Co-I: White et al.)

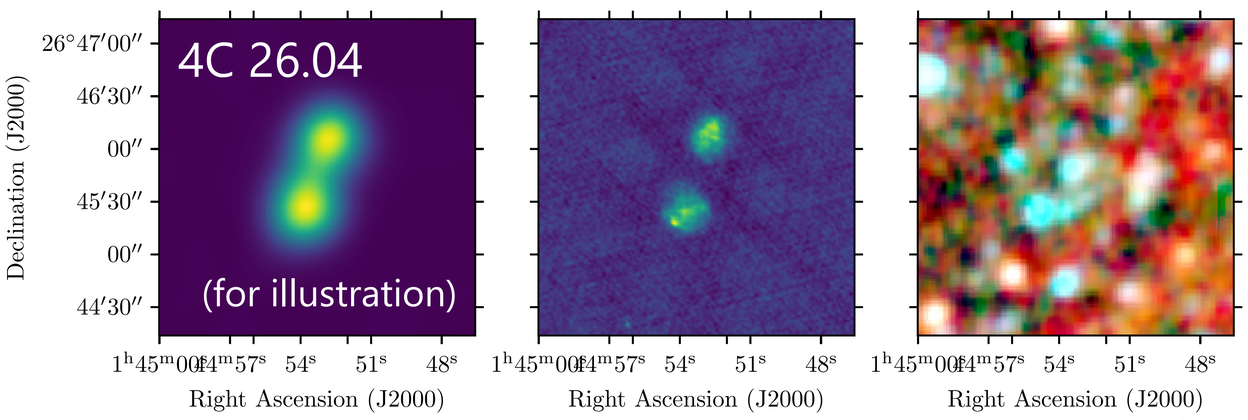
Next VLA proposal: studying core-prominence for the G4Jy Sample to constrain lifecycles of active galactic nuclei (AGN)



Multi-semester campaign (PI: White) for obtaining optical spectroscopy via the Southern African Large Telescope (SALT). Aim to measure redshifts, supermassive black-hole masses and accretion rates.



2019 Open Time observations (1.3 GHz) of 140 G4Jy sources with ambiguous morphology and/or no host-galaxy identification (PI: White, see poster by Katlego Sejake) + 2020 Open Time proposals



Very Large Array (VLA)

Radio at 150 MHz | Radio at 2-4 GHz | Mid-infrared

Credit: Hurley-Walker et al. (in prep.)

astronomersforplanet.earth

G4Jy 1190 (rotated) on image from Gamespot/Rare

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NRF National Research Foundation | SARAO South African Radio Astronomy Observatory

Curtin University

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