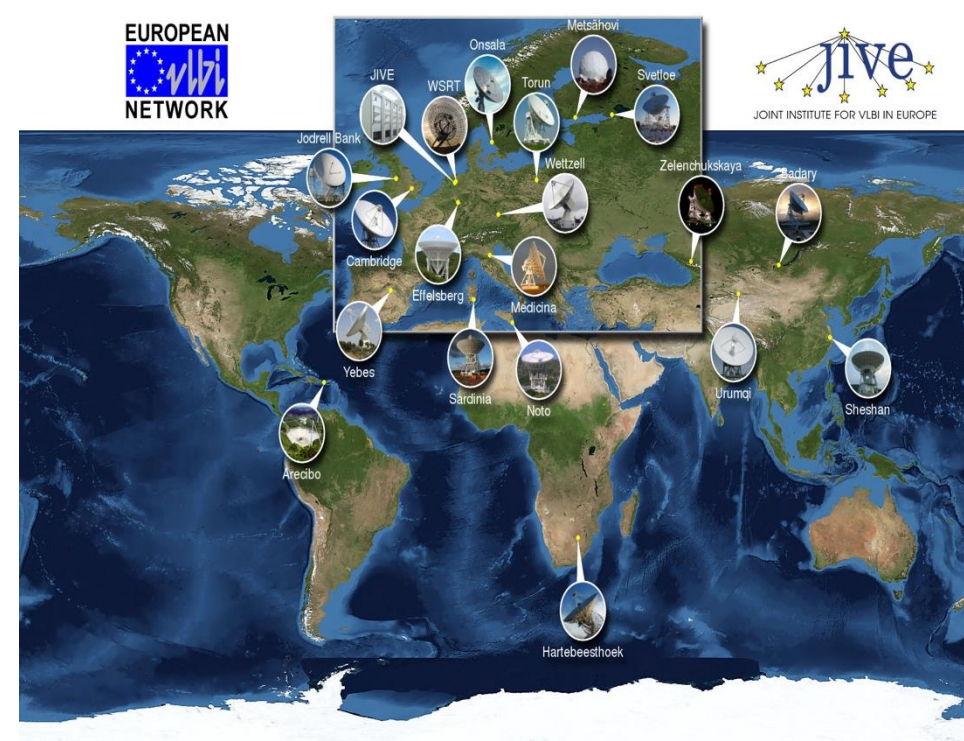


JBCA-IRIS : Centre for Excellence in Radio Astronomy (inc. e-MERLIN/VLBI, ALMA etc)



Rob Beswick

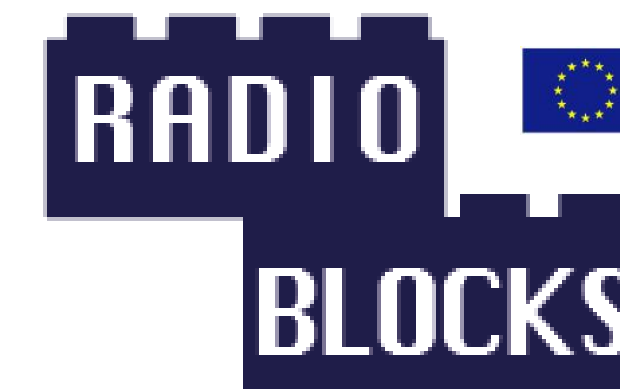
CERA@JBCA/JBO end-to-end facility support and development



Very Long Baseline
Interferometry (inc. EVN,
JIV-ERIC)



Astrophysics Centre for
Multimessenger studies
in Europe



Providing expert scientific support for researchers from the UK and around the world...

...end-to-end expert support and services...

...from Idea and proposal to observations, data analysis and science delivery...

All e-MERLIN data processed through IRIS resources

ACME – TA/VA access

- Delivering distributed centres of excellence and access to facilities across domains (radio, opt, HE, Astroparticle, GW)..

RadioBlocks

- Developing advanced tools

RASOR → Radio Astronomy & Space Observation Research

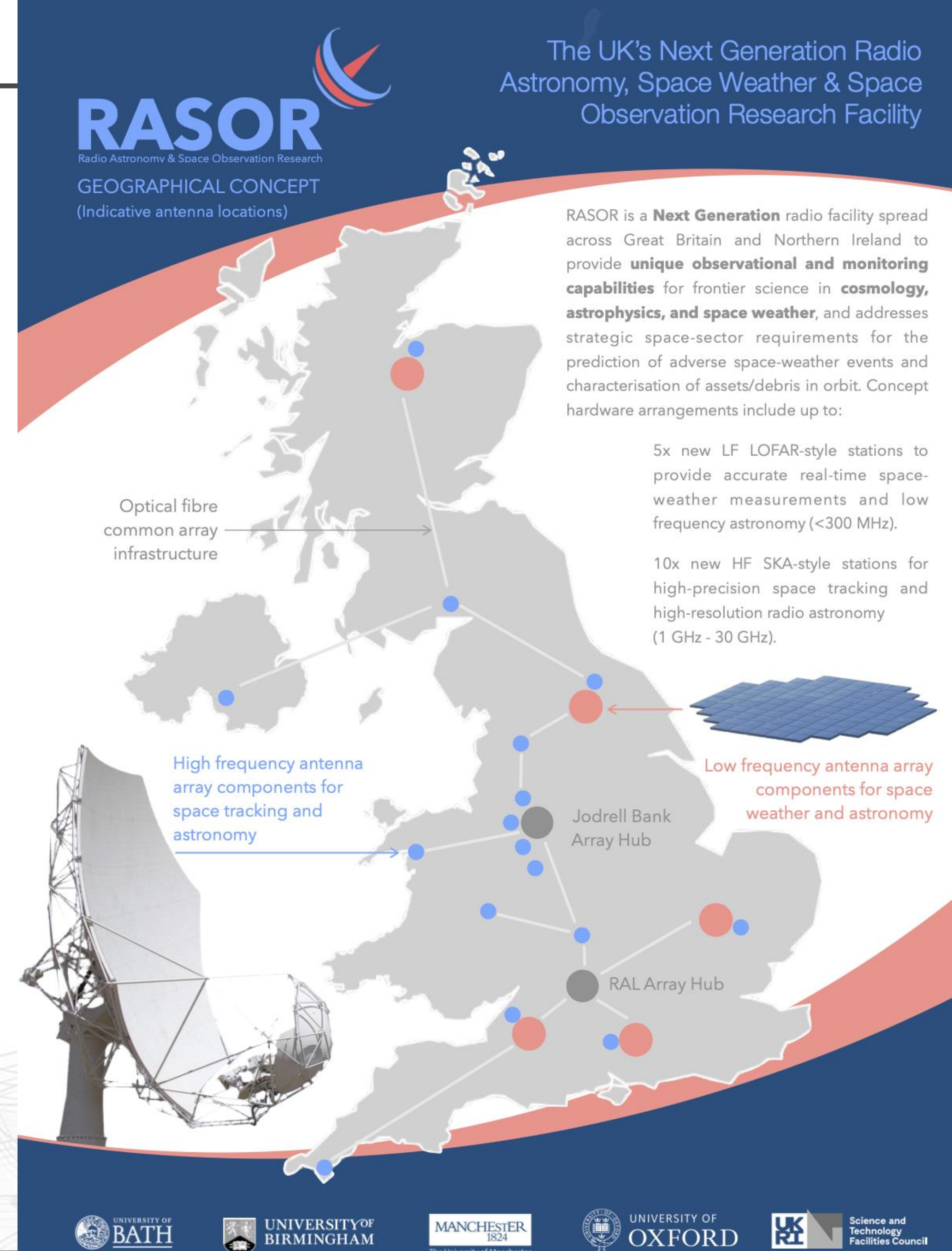
Science and impact themes:

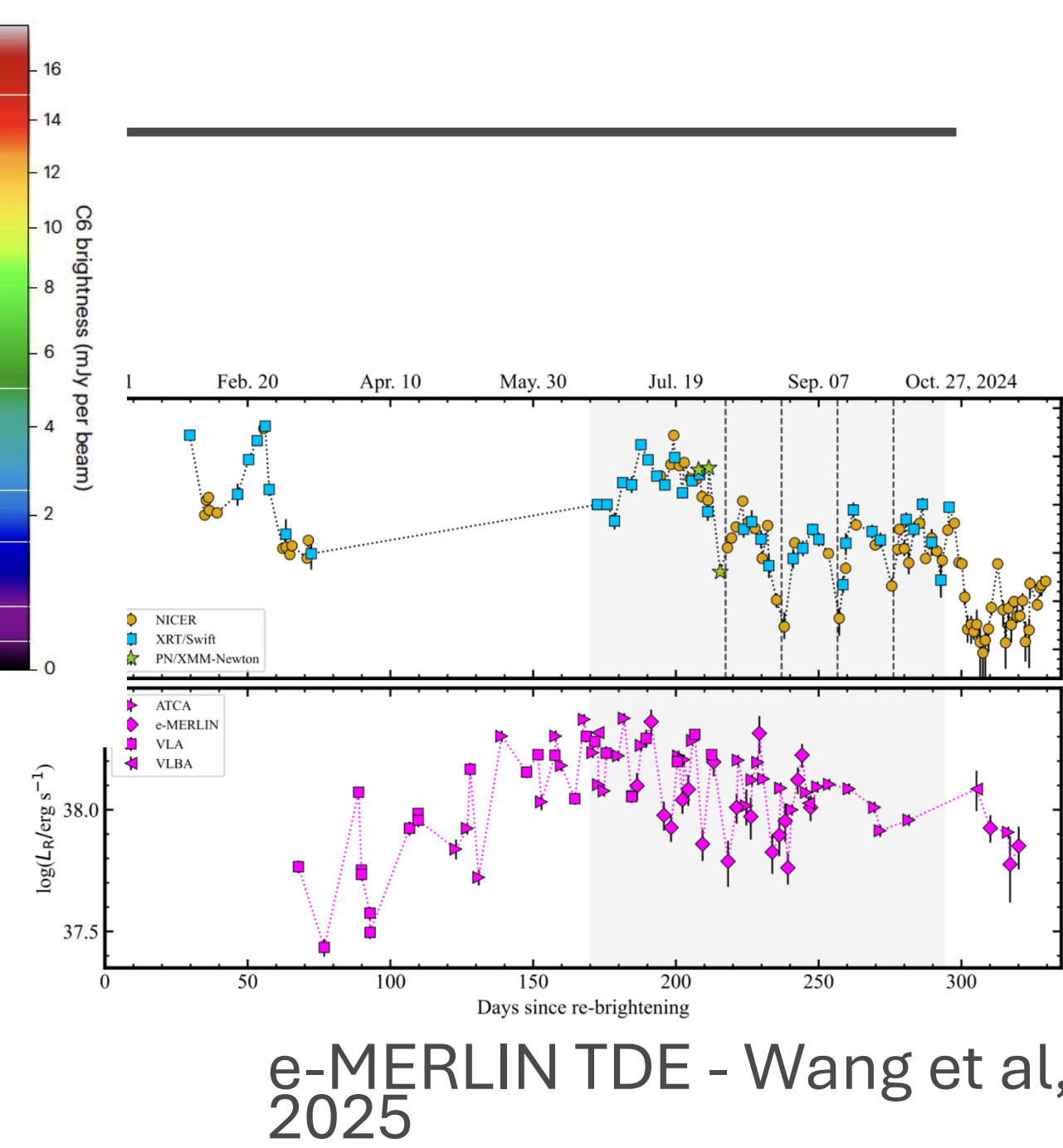
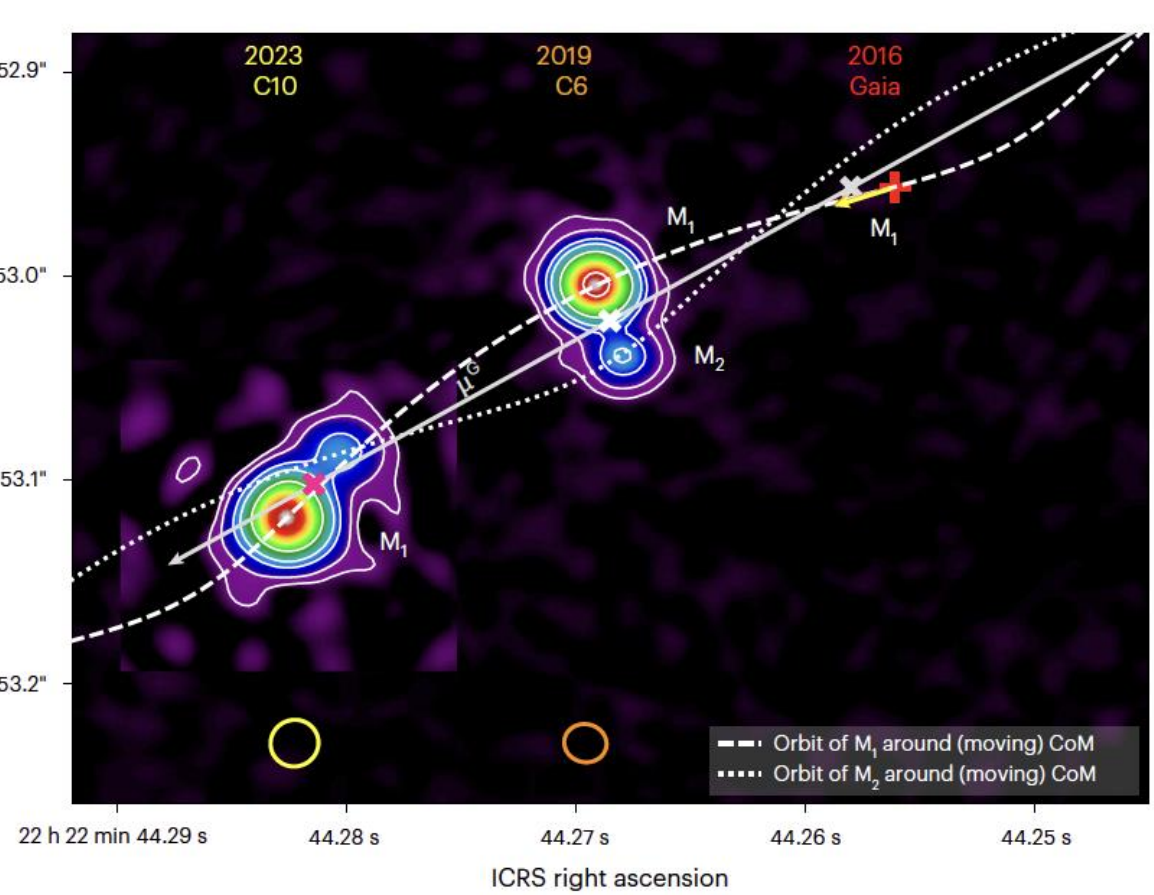
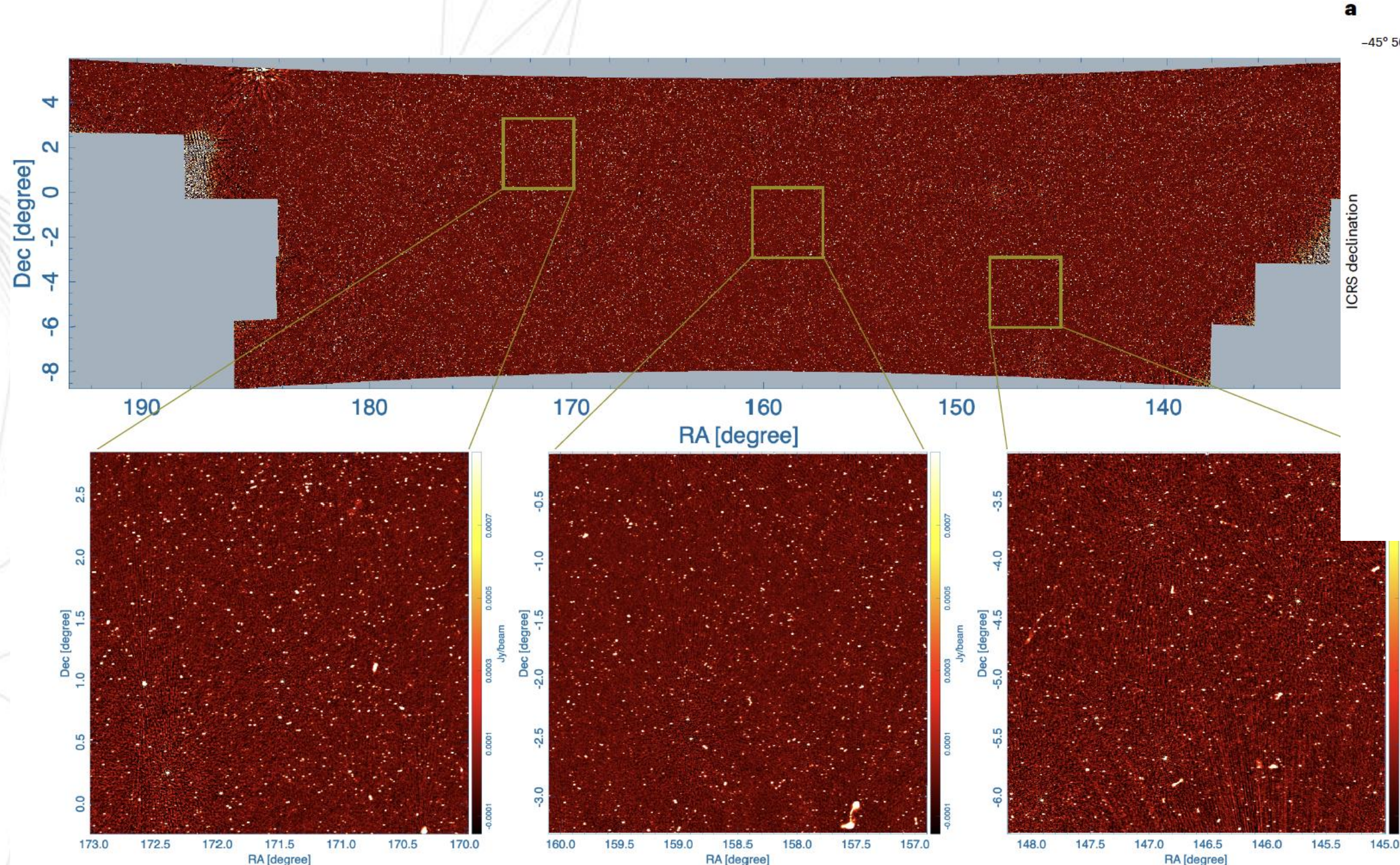
- Radio Astronomy
- Space Weather services
- Space Situational Awareness
- Geodesy

An array of 10+ SKA Telescopes distributed around the whole of the UK

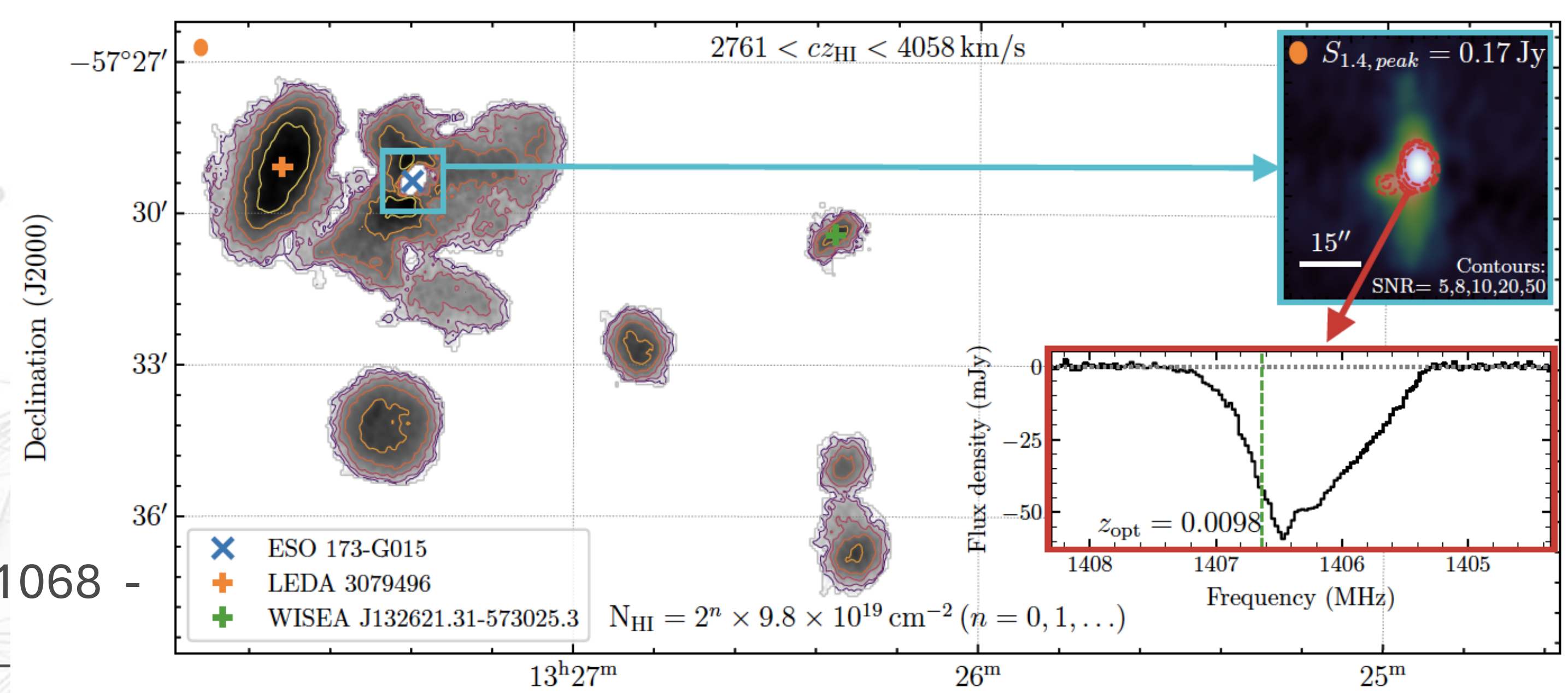
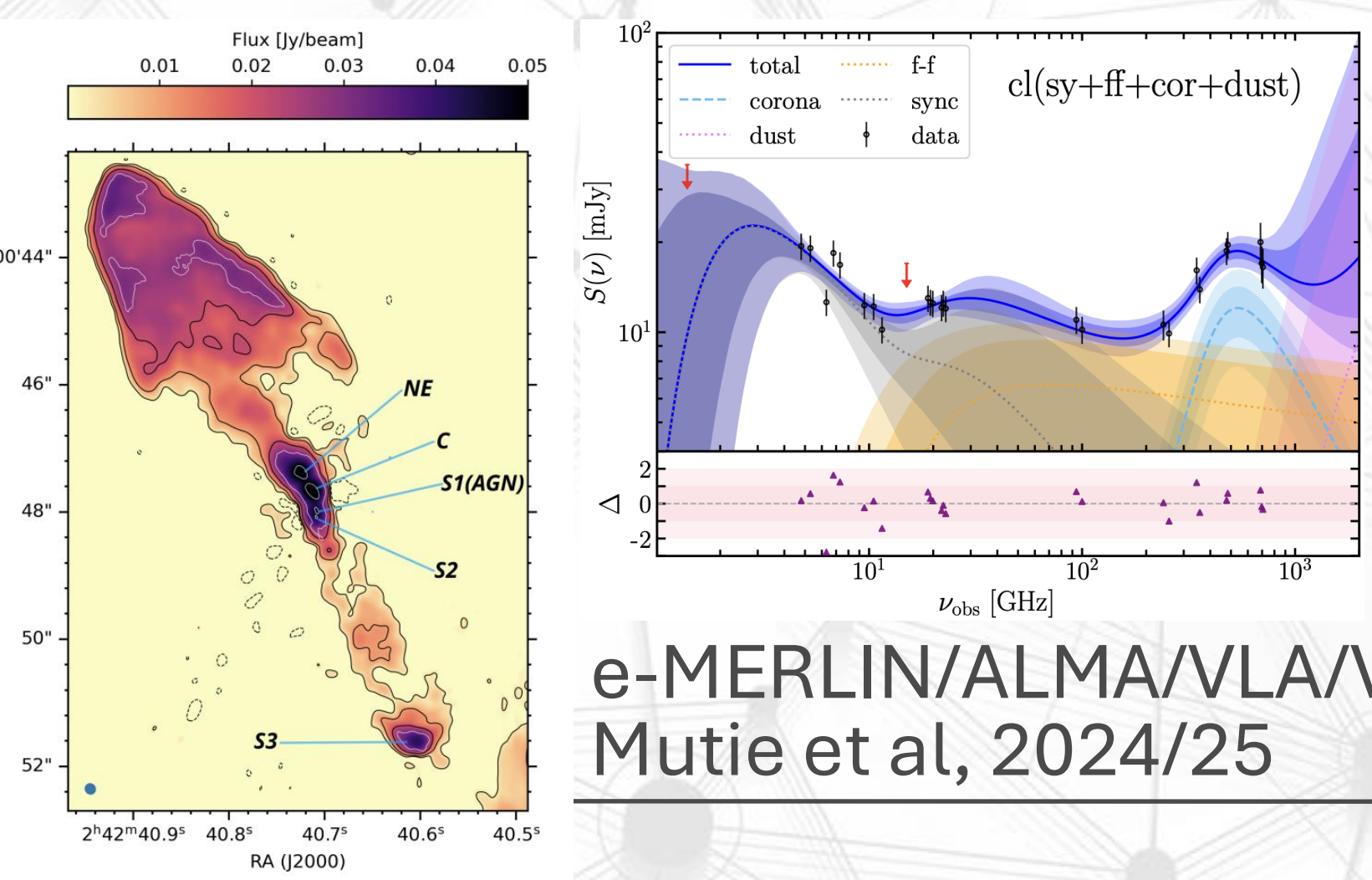
- Freq range: 1-30 GHz
- Max. baseline: 800 km
- Array of 4 LOFAR stations (+Chilbolton)
- Freq range < 300 MHz
- Max. Baseline: 400 km

Future concept – not funded YET





MeerKAT (MeerKLASS) - Paul et al, 2026
(astro-ph/2512.11964)





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