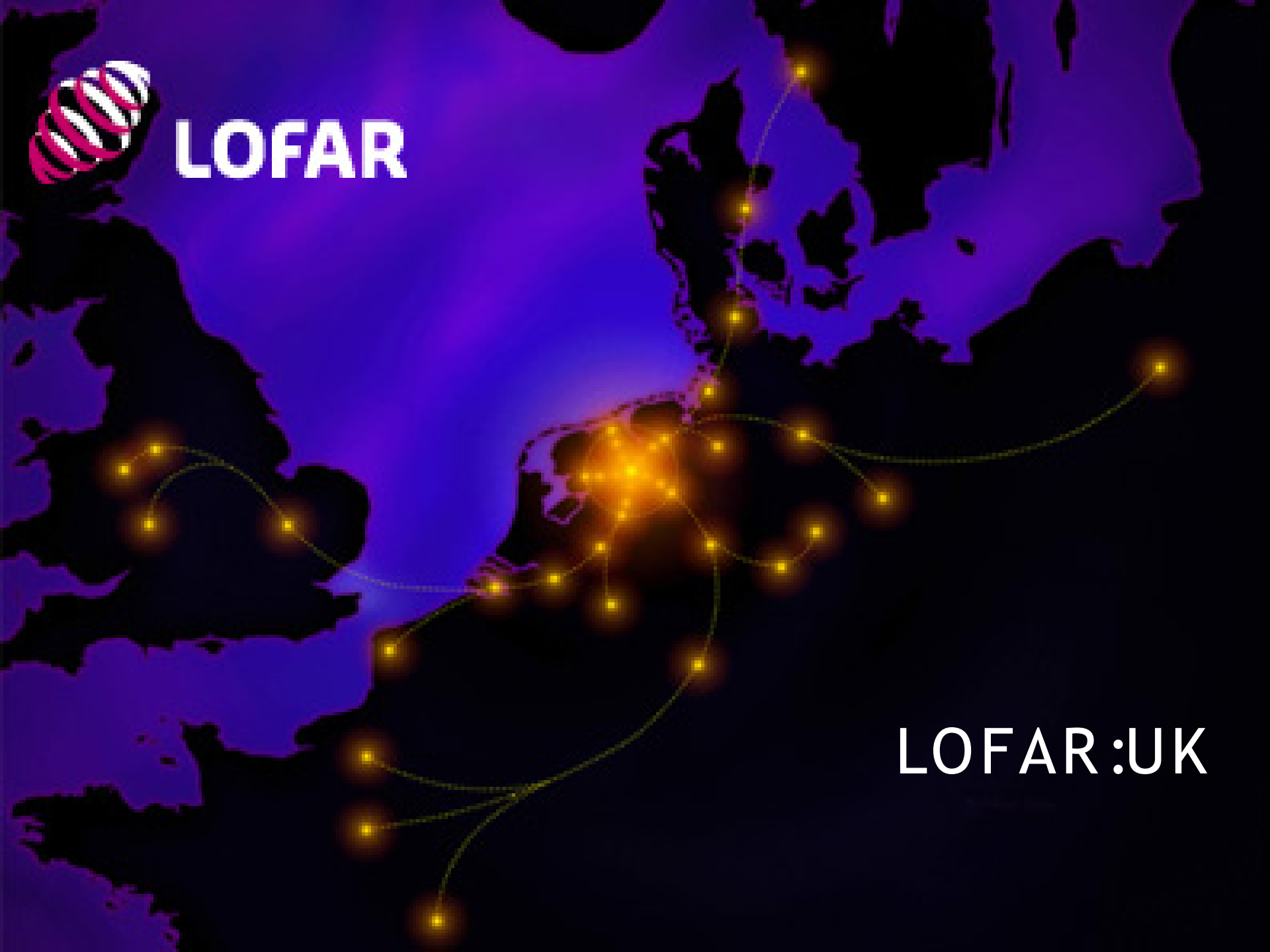




LOFAR



LOFAR:UK

LOFAR:UK (not BLOW)

Meetings since 2004

Management committee formed based on internal MOU

Current membership:

Southampton, Oxford, Cambridge, Portsmouth, RAL, Manchester, Hertfordshire, Edinburgh, Durham, LJMU, Glasgow, UCL, Cardiff

Potential additional members:

The Open University, Aberystwyth

www.lofar-uk.org

Project Leaders: Rob Fender (Southampton),
Steve Rawlings (Oxford)

Technical coordinator (Rob Beswick, Manchester)

Scientific coordinator (Philip Best, Edinburgh)

e-Science/HPC coordinator (Bob Nichol, Portsmouth)

+ Treasurer team, Site installation team, Networking/UKERNA
team

Science case: 80-page white paper drafted and released April
2007

Surveys (All partners!)

EoR (Durham, Edinburgh)

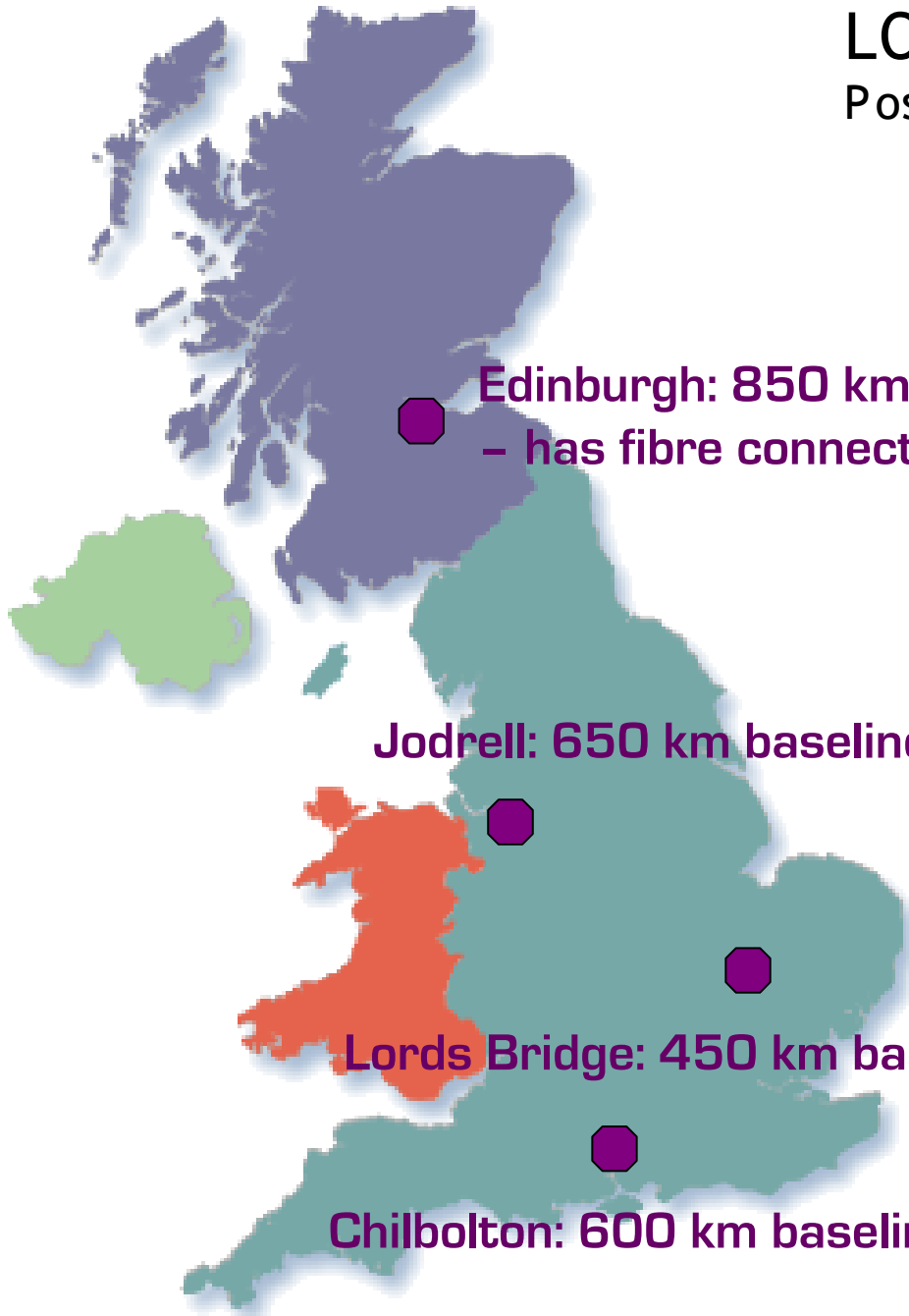
Transients (Southampton, MSSL, LJMU, Manchester, RAL)

Cosmic Rays (UCL)

Galaxies (STFC, Glasgow, Liverpool, Manchester)

LOFAR:UK

Possible station sites and relation to LOFAR

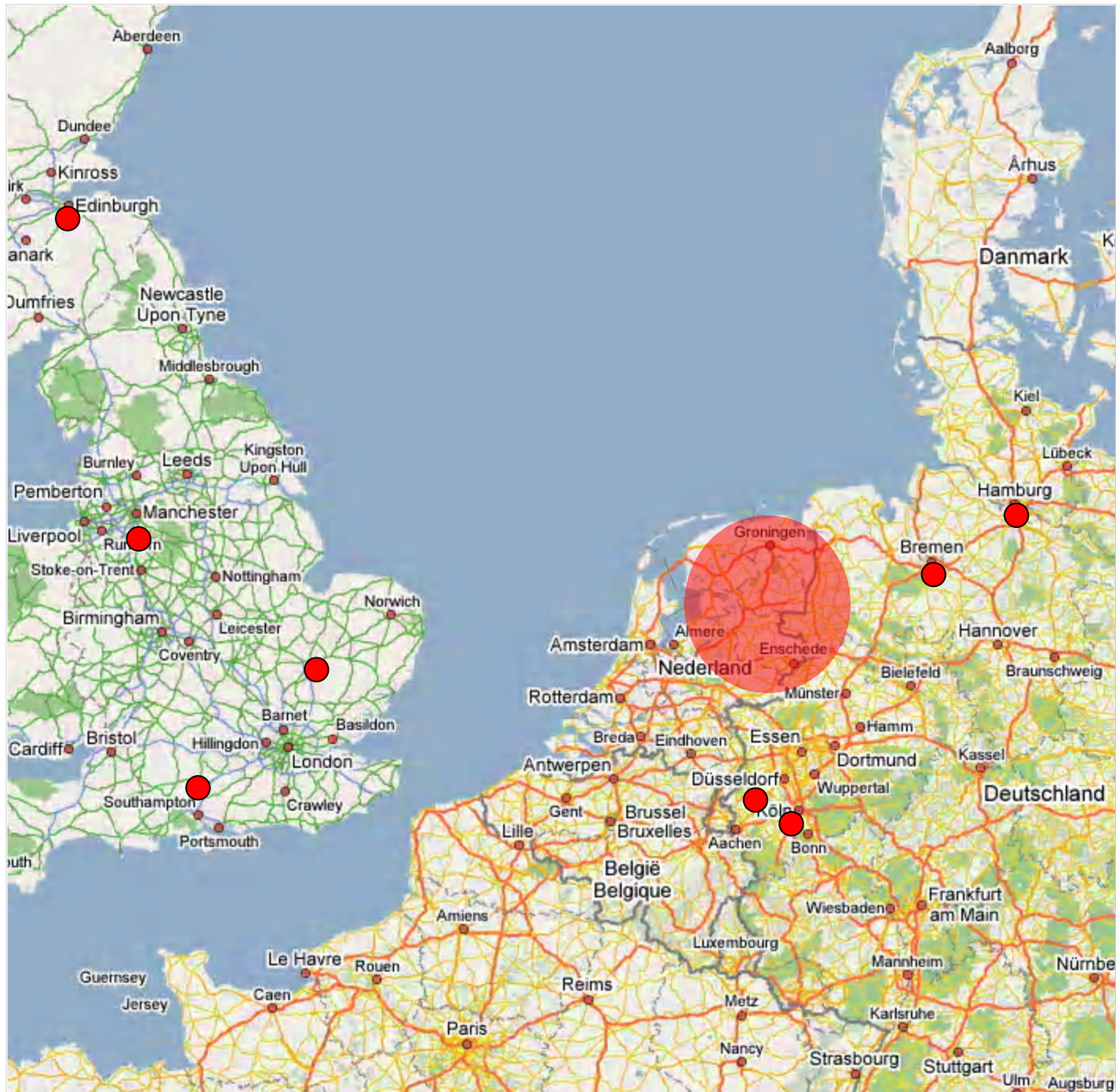


**Edinburgh: 850 km baseline (University Science park
- has fibre connection etc)**

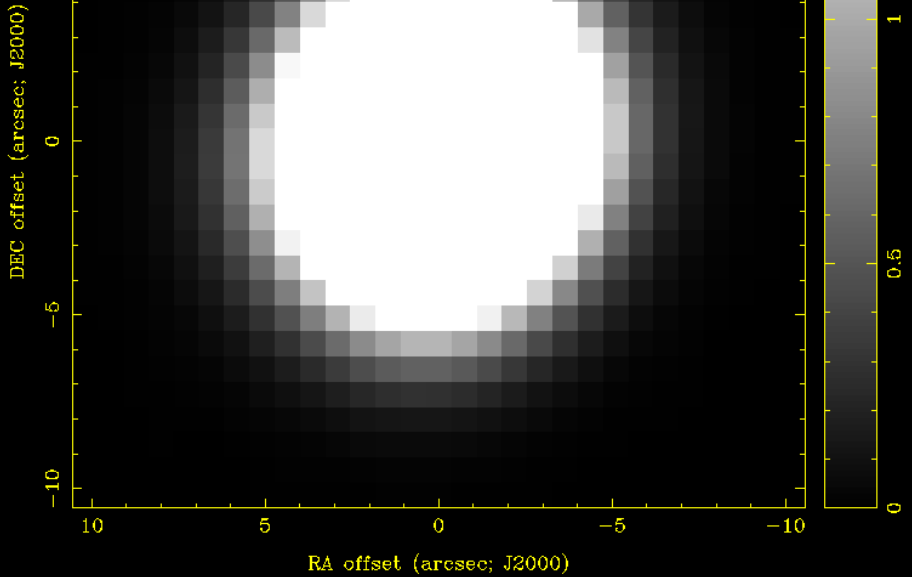
Jodrell: 650 km baseline (U. Man land, e-MERLIN fibre)

Lords Bridge: 450 km baseline (U. Camb land, e-MERLIN fibre)

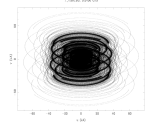
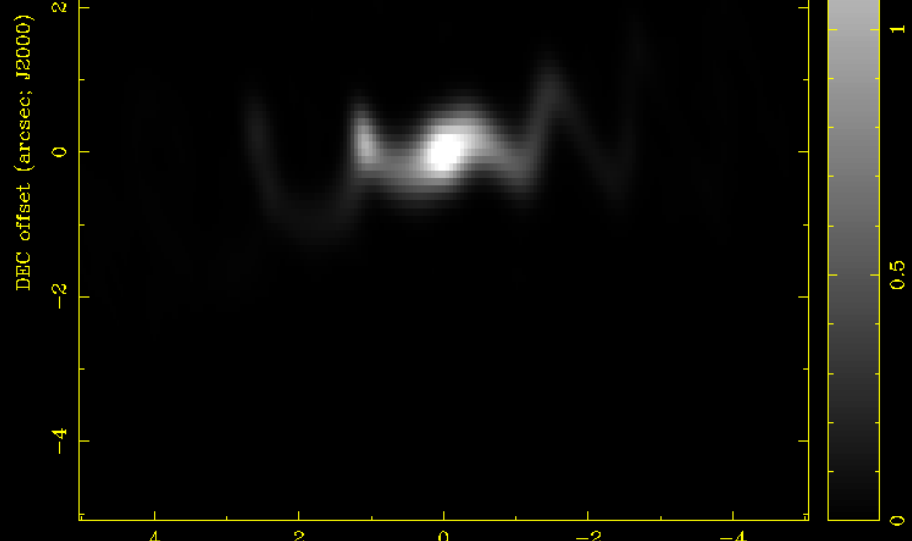
Chilbolton: 600 km baseline (RAL land, no fibre at present)



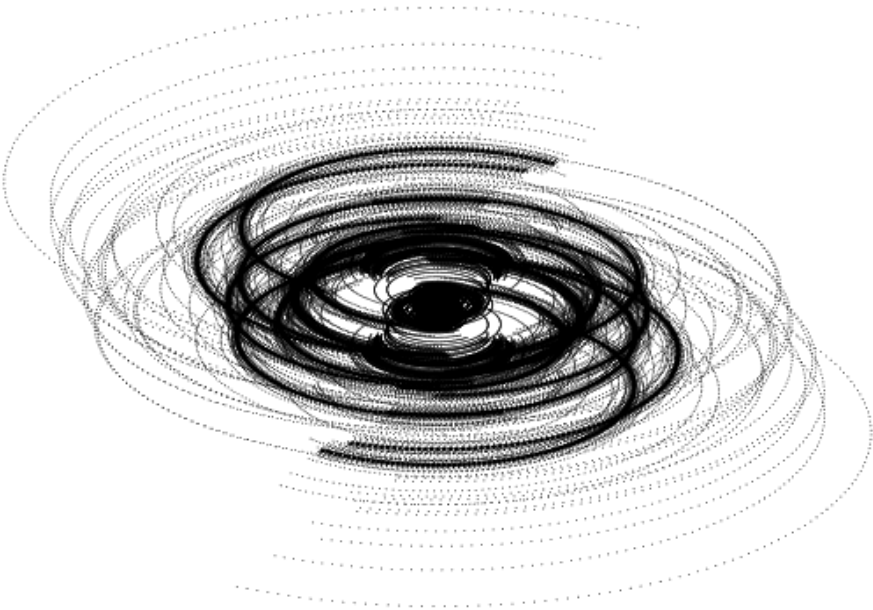
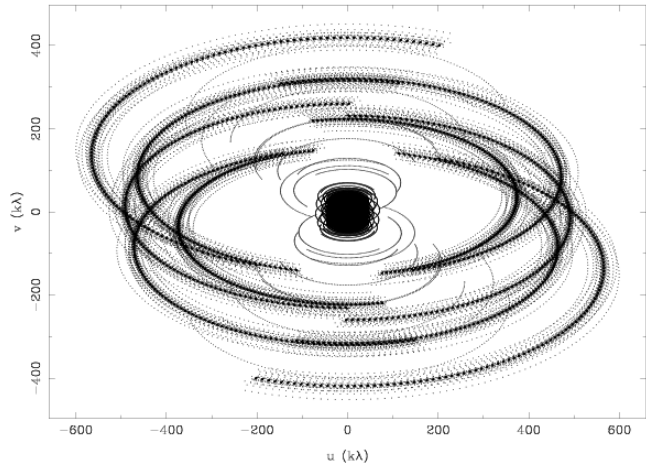
SS 433: Dutch baselines



SS 433: Dutch + UK + German



1./test.out 0.2400 GHz



Funding:

Nearly €1M raised already → intend to use this to purchase first LOFAR:UK station this summer (to be located at Jodrell Bank or Lord's Bridge)

Bid to PPARC / STFC (First review May 2007) for additional ~€2.5M

Bid to SUPA2 (summer 2007) for €0.75M

Additional bids to regional funding (including public outreach at regional science centres)

Target is four LOFAR:UK stations by 2010