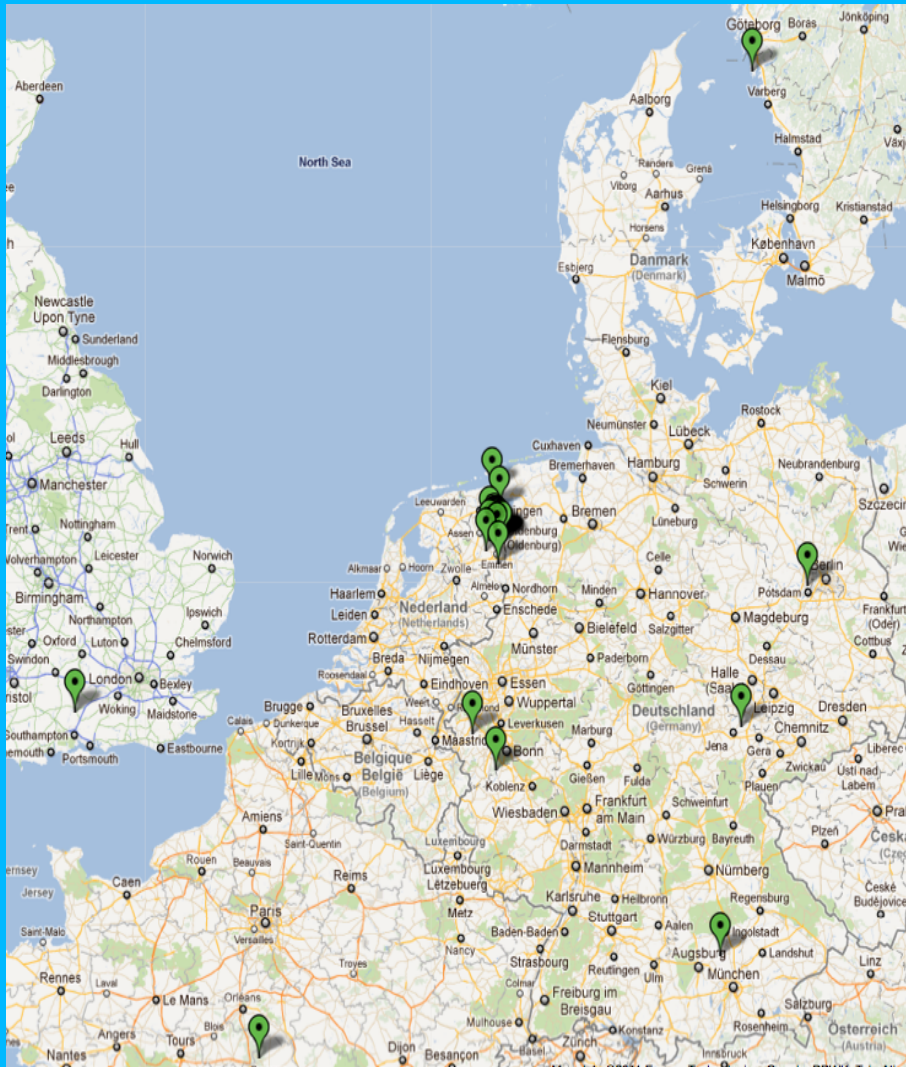


Please mute your
microphone and turn off
your webcam

Programme:

- 1. Update on LOTAAS, the LOFAR Pulsar and Fast Transient Survey - S. Cooper*
- 2. Array status - H. Munk*
- 3. Observatory update - R. Fallows*
- 4. COBALT update - R. Nijboer*

Array Status



- 38 operational NL stations
 - 24 CSs
 - 14 RSs
- 8 ISs
- DE604 and DE603: maintenance
March 31 – April 4
- April 1: DE604: broken TDS board replaced
- April 1: HBA repairs started on CS002, CS004, and CS006
- March 27: RS508 LBAs repairs started

Network, CEP Status



Network

- April 2: IS connection problems; investigation ongoing
- DE601 and DE602: intermittent connection problems on March 26-28

BG/P

- March 27: diagnostics before April 1

Cobalt

- See Cobalt presentation

CEP-I

- March 21: broken disk controller on lcs80; replaced

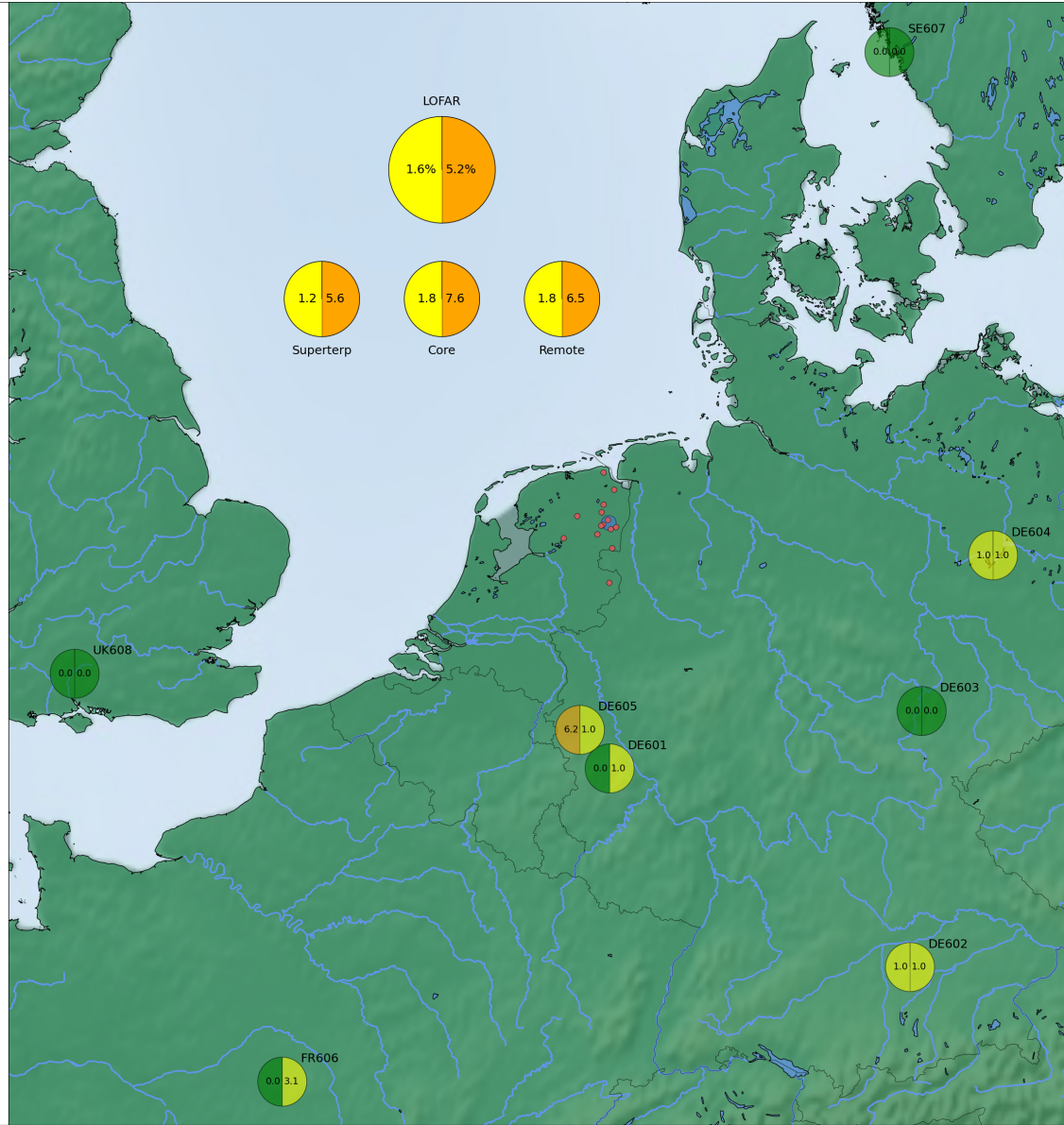
CEP-III

- Operational status: expected April 11, 2014

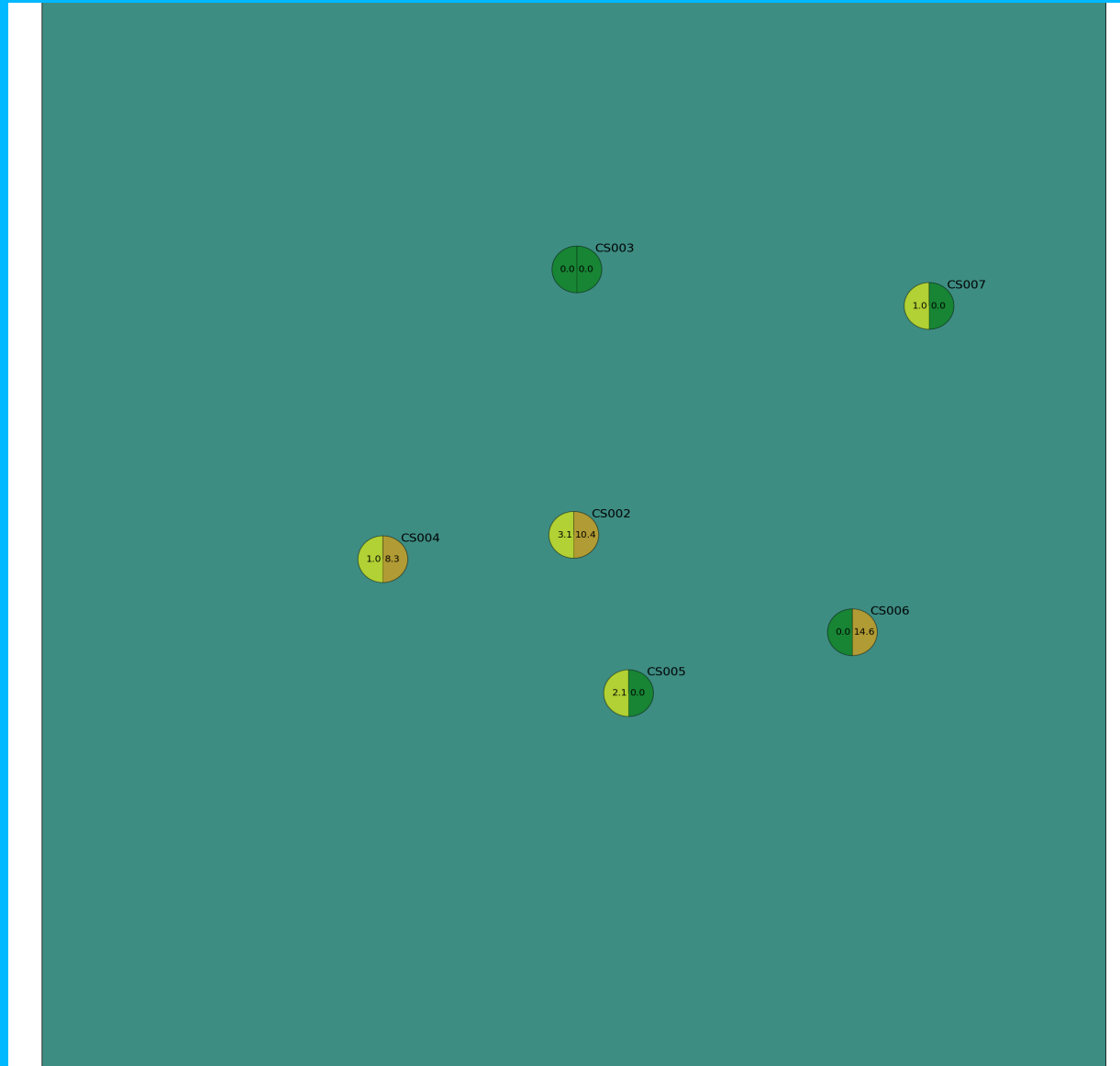
Next stop day

- May 6, 2014

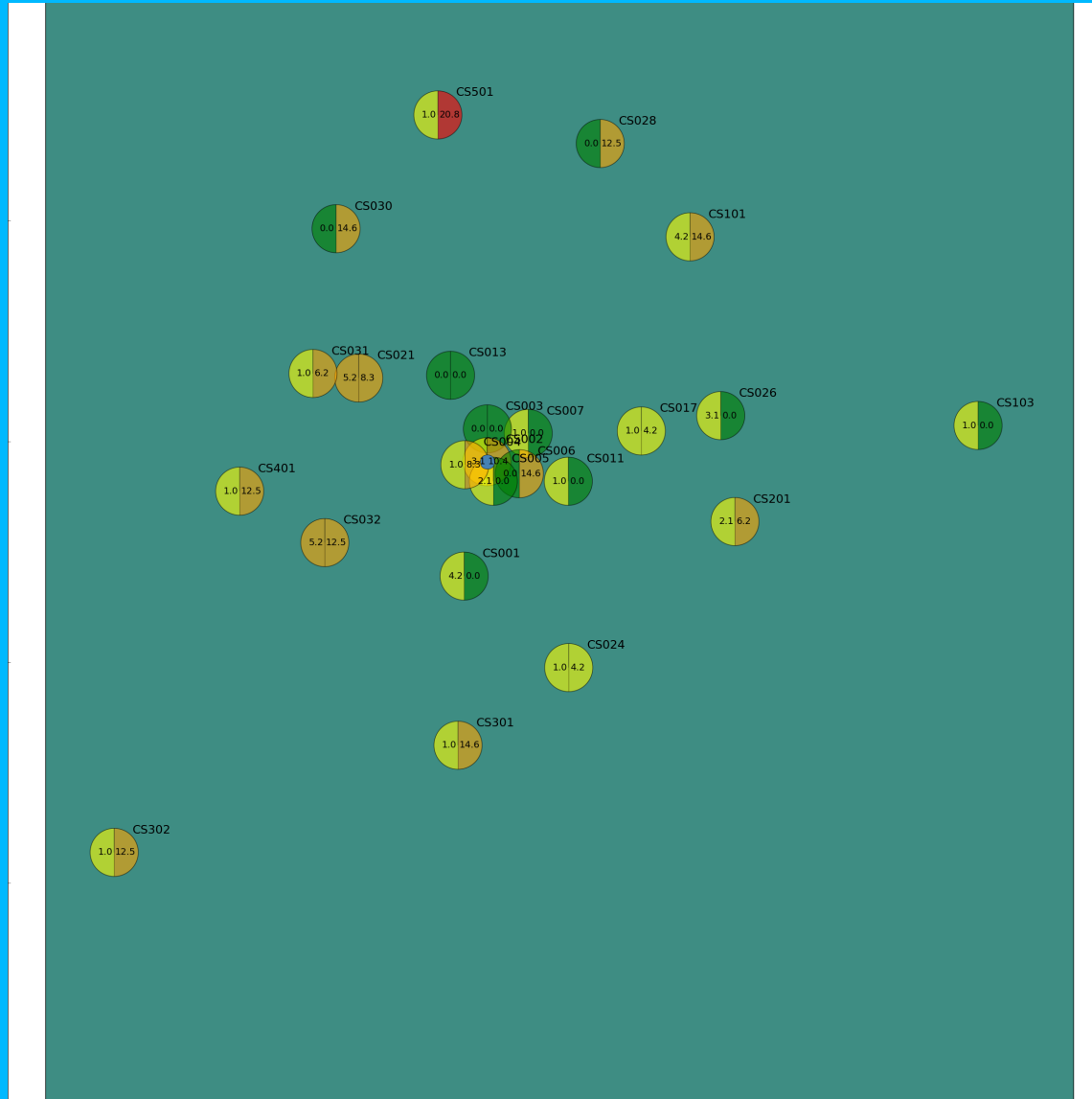
Overview, including IS (LBA: 1.6%, HBA 5.2%)



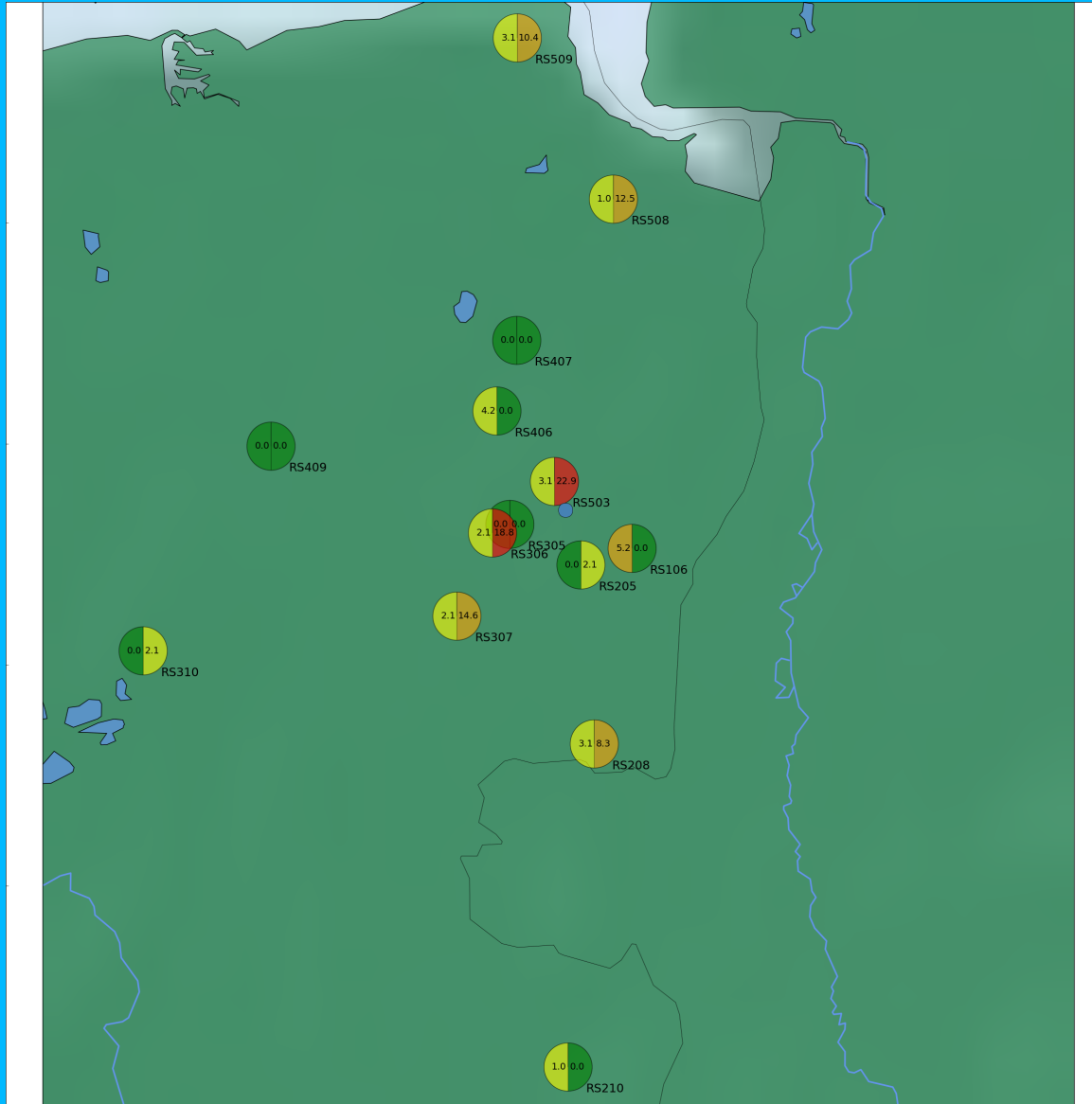
Superterp (LBA: 1.2 %, HBA: 5.2%)



Core Stations (LBA: 1.8%, HBA: 7.6%)



Remote Stations (LBA: 1.8%, HBA: 6.5%)



News regarding the observing system



- Problems with intermittent oscillating HBA tiles has severely impacted on pulsar observations.
- Regular Fly's Eye observations and live station testing implemented to mitigate this.
- Station maintenance now underway.
- BG/P still available for the time being, but is now out of maintenance contract.

- COBALT:
 - Being used for some interferometric production observations.
 - BG/P still in use for beam-formed.
 - Switch between correlators a manual process, so choice determined by night/weekend schedule.
- Development:
 - Next software roll-out Monday 14th April.

- CEP3:
 - CEP3 scheduled to be available to users from 14th April. Beta testers will start using it next week.

CEP1 Users:

BACK UP YOUR DATA ELSEWHERE!!!

Get in touch with Science Support urgently if you would like to request use of CEP3 and have not yet done so.

Note the new data policies with regard to CEP3.

- Cycle 1 observations 62% complete.
- Cycle 2 Technical panel met two weeks ago and technical reviews have now gone to the PC and National Consortia.
- National consortia should return their 'must' and 'may' sponsor allocations by 11th April.
- PC meeting 29-30th April.

Cycle Observations

<https://www.astron.nl/radio-observatory/lofar/cycle-1-schedule/cycle-1-schedule>

Week 14	day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Approximate	LST	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	
April	30	Mon	LC1_018 - NGC4490 - 8hrs -- raw data to the LTA			LC1_052 - LOTAAS - 10hrs; COBALT TESTING; all international stations (except DE604) to ILT mode at 9 UTC										LC1_003 (cancelled on 25/03 13-09UTC)- Pulsars; stress system runs										
	1	Tue	LC1_003 - Pulsars; stress system runs					Stop Day										SYSTEM RECOVERY		Stress system runs + TBB runs						
	2	Wed	Stress system runs + TBB runs	LC1_013 - Cygnus A - 12hrs										COBALT TESTING		Stress system runs	LC1_035 - RRAT J0741+41	Stress system runs + TBB runs					LC1_04 test			
	3	Thu	Stress system runs + TBB runs	LC1_013 - Cygnus A - 12hrs										COBALT TESTING		Stress system runs	LC1_008 - Lockman Hole - 8hrs									
	4	Fri	LC1_008 - Lockman Hole - 8hrs	LC1_027/035 - Monthly Pulsars - all LSTs; all international stations (except DE604) to local mode at 9 UTC																						
	5	Sat	LC1_027/035 - Monthly Pulsars - all LSTs					CITT test observations		LC1_023 - LSTs 22	LC1_035 - LSTs 22-00			Stress system runs	LC1_023 - LSTs 02:07	Stress system runs					LC1_033 - PanSTARRs - 2hrs	Stress system runs	LC1_016 - ARP 299 - 2hrs			
6	Sun	Stress system runs	LC1_016 - ARP220 - 2hrs		LC1_023 - LSTs 16, 18	LC1_035 - pulsar repeat	LC1_035 repeats		LC1_003 - Pulsars			Stress system runs	LC1_041 -2FGL J0106.5+4854 - 3hrs		Stress system runs	LC1_035 - pulsar repeat	Stress system runs									

Detailed schedule online: <https://docs.google.com/spreadsheet/ccc?key=0AtnmDczhIbEtdGQ4enZicHpGREpGYm1Pc2JrQWIZWmc&usp=sharing>

- Contact Science Support in case of issues.

- **** Always email sciencesupport@astron.nl and include the proposal code in the subject line ****

CALENDAR of requested busy weeks and other LOFAR activities



- MKSP Meeting (Bonn): this week
- LOFAR Users Meeting: Amsterdam Monday 7th April
- LOFAR Community Science Workshop: Amsterdam Tuesday-Wednesday 8-9th April
- First Science with MSSS: Amsterdam Thursday-Friday 10-11th April
- Next Stop Day: Tuesday 6th May