Microlensing Search for Exoplanets

Alerts will be issued fortnightly in future as new targets are not frequent enough to require weekly issues.

New advice to imagers
To obtain the best approximation to Gaia magnitudes;
1) Use a Sloan r' filter
or
2) Use a Cousins R filter but ensure target is above 20 degrees altitude
or
3) If imaging unfiltered ensure target is above 45 degrees altitude and
4) Use Gaia DR2 data for obtaining magnitudes of comparison stars - https://www.cosmos.esa.int/web/gaia/data-release-2

If using Astrometrica select;
1) Filter r', R (Cousins) or Clear/None depending on filter used
2) Color Band G
3) Star Catalog Gaia DR2

New alerts
There are no new alerts this week

Previously notified alerts for which observations are still required

Gaia20dup
Region; Southern Hemisphere
RA 18 05 55.1, Dec -30 20 13
Lat Gaia magnitude; 16.41
Time between observations; 1.0 day
Gaia alerts link (includes data and finder chart)
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia20dup/

Gaia21bfr
Region; Northern hemisphere, Southern hemisphere
RA 18:46:08.3, Dec -10:12:26
Last Gaia magnitude; 15.14
Time between observations; 1.0 day
Gaia alerts link (includes data and finder chart);
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21bfr/

Gaia21btu
Region; Southern hemisphere
RA 18 12 10.8 Dec -21 18 13
Last Gaia magnitude; 17.51
Time between observations; 3.0 days
Gaia alerts link (includes data and finder chart)
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21btu/
Gaia21bvg
Region; Southern hemisphere
RA 18 31 24.1 Dec -34 12 05
Last Gaia magnitude; 15.47
Time between observations; 1.0 day
Gaia alerts link (includes data and finder chart)
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21bvg/

Gaia21cki
Region; Northern hemisphere, Southern hemisphere
RA 19 15 51.7, Dec -07 12 42
Last Gaia magnitude; 17.02
Time between observations; 2.0 days
Gaia alerts link (includes data and finder chart)
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21cki/

Gaia21ckj
Region; Northern hemisphere, Southern Hemisphere
RA 18 53 23.0, Dec -01 14 06
Last Gaia magnitude; 17.37
Time between observations; 1.0 day
Gaia alerts link (includes data and finder chart);
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21ckj/

Gaia20dwf
Please note that this was previously incorrectly designated Gaia21dwf although the link below was correct
Region; Southern hemisphere
RA 18:26:29.4, Dec -20:04:52
Last Gaia magnitude; 16.00
Time between observations; 1.0 day
Gaia alerts link (includes data and finder chart);
http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia20dwf/

Observations are no longer required for;
Gaia21auw
Gaia21azb
Gaia21bzl
Gaia20dft

Please send observations to Roger Dymock. Data required;
Observing site
Observer, name
Photometric software
Date and time (JD) e.g. 59403.391447
Target e.g. Gaia21bfr
Filter used
Magnitude
Error
Data from BHTOM and Gaia Photometric Alerts websites
Alerts can be viewed at https://britastro.org/node/25935