P83 STS Cologne Consortium GTO phase 1 information

> Galactic Center
> ----------
>
> a) source: central stellar cluster and CND positions
>
> Positions/fields:
> 27''x27'' NACO fields centered on the center and on
> the 'northern and southern lobes' in the CND i.e.
> (40''S, 27''W) as well as (40''N, 27''E) with respect to SgrA*
>
> modes:
> NACO imaging in molecular H2 and optional in Br_gamma filters:
> NB_2.12
> NB_2.17
> Ks continuum
> IB_2.12 continuum
>
> integration time: 1 h/field/filter including overheads/offsets
>
> b) source: IRS13N 3''W and 0.9''S of SgrA*
>
> modes:
> SINFONI K band 100 mas/pixel
> NACO L-band slit spectroscopy all spectroscopic
> L-band GRISM and PRISM modes
>
> integration time:
> 2 h SINFONI
> 30 min/L-band slit with 3-4 slit positions
>
>
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>
>
> Extragalactic targets
> ---
>
> AO guiding on nucleus if conditions permit
> not all sources may be feasible depending on the flux distribution
> at the centerand atmospheric conditions.
>
> modes: SINFONI HK band 100 or 250 mas/pixel
>
> integration time: 1-3 hours/source
>
> sources:
> based on VCV catalog with
> z<0.1 and dec<30 and 21h<ra<00h and Vmag <14.
>

Cl	Name	RAJ2000	DEJ2000	z	Sp	n_Vmag	Vmag
2	NGC 676	01 48 57.3	+05 54 24	0.0050	S2		10.5
2	NGC 7410	22 55 01.0	-39 39 42	0.0060	S3		11.8
2	NGC 660	01 43 01.8	+13 38 30	0.0030	S3		11.86
2	NGC 7213	22 09 16.1	-47 10 01	0.0060	S3b		12.08
2	ESO 234-G50	20 35 50.1	-50 11 50	0.0090	H2		12.5
2	NGC 7378	22 47 47.7	-11 49 00	0.0090	S2		13.0
2	NGC 613	22 35 46.1	-26 03 02	0.0050	S1h		13.11

> | 1 | NGC 7743 | 23 44 21.4 | +09 56 03 | 0.0070 | S2 | | 13.28 |
> | 1 | NGC 7135 | 21 49 46.0 | -34 52 35 | 0.0070 | | | 13.3 |
> | 2 | NGC 289 | 00 52 42.2 | -31 12 22 | 0.0060 | | | 13.44 |
> | 2 | NGC 7172 | 22 02 01.9 | -31 52 08 | 0.0080 | S2 | | 13.61 |
> | 2 | NGC 7590 | 23 18 54.8 | -42 14 21 | 0.0050 | S2 | | 13.76 |
> | 1 | NGC 7479 | 23 04 56.8 | +12 19 25 | 0.0070 | S1.9 | | 13.88 |
> | 2 | NGC 7496 | 23 09 47.3 | -43 25 40 | 0.0050 | S2 | | 13.9 |
> +----+-------------+------------+-----------+--------+------+--------+-------+
>
> sources: Backup sources for imaging based on Hamburg-ESO sources
>
> modes: NACO JHK imaging
>
> integration time: 0.5-1 hours/source
>
> | | | | | |
|---|---|---|---|---|
| | | B | K | |
| HE 0038-0758 | 00 47 41 -21 29 27 | 15.3 | 11.3 | |
| HE 0103-5842 | 01 05 16 -58 26 16 | 16.1 | 12.5 | |
| HE 0119-0118 | 01 21 59 -01 02 25 | 16.0 | 12.3 | |
| HE 0224-2834 | 02 26 25 -28 20 59 | 16.8 | 11.0 | |
| HE 0232-0900 | 02 34 37 -08 47 16 | 14.9 | 12.0 | |
| HE 0253-1641 | 02 56 02 -16 29 16 | 16.2 | 10.9 | |
| HE 0433-1028 | 04 36 22 -10 22 33 | 15.6 | 11.1 | |
| HE 2129-3356 | 21 32 02 -33 42 54 | 15.3 | 12.4 | |
| HE 2221-0221 | 22 23 49 -02 06 13 | 16.7 | 11.0 | |
| HE 2254-3712 | 22 57 38 -36 56 07 | 16.6 | | |
| HE 2302-0857 | 23 04 43 -08 41 08 | 16.2 | 10.8 | |
| HE 2354-3044 | 23 57 28 -30 27 39 | 15.8 | 11.4 | |
| HE 1304-0541 | 13 06 48 -05 57 35 | 16.0 | | |

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