X-Shooter GTO targets for semester P84:

These are the targets selected for observations in semester P83 & P84
by the X-Shooter consortium (NL, DK, I, F). Targets are grouped in
seven broad categories:

* Category I: Compact/Interacting Binaries & High-energy astrophysics
* Category II: Local Universe Resolved Stellar populations
* Category III: Young stellar objects and clusters
* Category IV: Galaxies & Galaxy clusters
* Category V: High-z Galaxies and DLA
* Category VI: Gamma-Ray Burst Hosts
* Category VII: SNe, Transients & Gamma-Ray Bursts

Note that some gravitational lenses also fall in Category V when
exploited for cosmological purposes. Note that Category VII includes a
number of ToO observations.

---

* Category I: Compact/Interacting Binaries & High-energy astrophysics

Targets	RA (J2000)	Dec
ES Cet	02 00 52.17	-09 24 31.7
1ES 0229+200	02 32 48.60	+20 17 17.0
1ES 0347-121	03 49 23.20	-11 59 27.0
PKS 0548-322	05 50 40.80	-32 16 18.0
4U 0614+09	06 17 07.30	+09 08 13.0
SDSSJ080449.49+161624.8	08 04 49.49	+16 16 24.8
RX J0806.3+1527	08 06 22.84	+15 27 31.5
Z Cha	08 07 28.20	-76 32 01.0
SSA082924.15-081811	08 29 24.15	-08 18 11.0
SDSSJ090350.73+330036.1	09 03 50.73	+33 00 36.1
V406 Hya	09 05 54.79	-05 36 08.6
SDSSJ113826.72+061919.5	11 38 26.73	+06 19 19.5
SDSSJ124058.03-015919.2	12 40 58.02	-01 59 20.4
V485 Cen	12 57 23.30	-33 12 06.8
GP Com	13 05 42.42	+18 01 04.0
V396 Hya	13 12 46.93	-23 21 31.3
2QZ J142701.6-012310	14 27 01.70	-01 23 10.0
HP Lib	15 35 53.08	-14 13 12.3
SDSSJ155252.48+320150.9	15 52 52.48	+32 01 50.9
SAX1808.4-3658	18 08 27.54	-36 58 44.3
SAX1818.6-1703	18 18 37.90	-17 02 47.9

---

* Category II: Local Universe Resolved Stellar populations

scl11-040	00 55 29	-33 46 05
scl031-11	00 57 10	-33 28 36
scl074-02	00 57 34	-33 39 45
scl077-02	00 57 50	-33 40 04

scl076-02	00 58 30	-33 28 40
scl301-06	00 59 15	-33 54 07
scl25-031	00 59 41	-32 50 04
scl094tor	01 00 27	-33 53 03
scl03-170	01 01 47	-33 47 27
scl024-07	01 01 23	-34 24 27
scl002-06	01 01 26	-33 02 59
scl160-09	01 01 36	-34 01 48
scl053-09	01 02 31	-33 56 42
NGC1313-379	03 17 47.72	-66 30 18.82
NGC1313-503	03 18 08.20	-66 29 41.82
NGC1313-201	03 18 08.62	-66 31 37.22
NGC1313-518	03 18 10.82	-66 29 38.19
NGC1313-275	03 18 12.69	-66 30 46.33
NGC1313-439	03 18 14.86	-66 29 59.52
NGC1313-505	03 18 16.57	-66 29 40.63
NGC1313-329	03 18 17.12	-66 30 27.03
NGC1313-463	03 18 17.53	-66 29 51.97
NGC1313-76	03 18 19.06	-66 33 41.44
NGC1313-517	03 18 22.14	-66 29 37.49
NGC1313-709	03 18 23.29	-66 28 39.30
NGC1313-530	03 18 26.00	-66 29 34.71
NGC1313-783	03 18 26.74	-66 27 24.37
NGC1705-1	04 54 13.50	-53 21 39.30
G169-PN	13 25 30.10	-42 58 11.0
G279-intermediate	13 24 56.27	-43 03 23.4
Peng-young	13 25 01.60	-42 54 50.9
HGHH-06	13 25 22.19	-43 02 45.6
HGHH-07	13 26 05.41	-42 56 32.4
HGHH-23	13 25 54.58	-42 59 25.4
AAT117062	13 25 31.04	-42 50 15.0
HHH86-30	13 24 54.35	-42 53 24.8
HHH86-39	13 26 42.03	-43 07 44.8
HH-096	13 24 21.42	-43 02 36.9
HHH86-18	13 25 39.88	-43 05 01.9
K-163	13 25 39.88	-43 05 01.9
HGHH-17	13 25 39.73	-42 55 59.2
K-029	13 25 09.19	-42 58 59.2
VHH81-03	13 24 58.21	-42 56 10.0
VHH81-05	13 25 16.12	-42 52 58.2
HH-080	13 23 38.33	-42 46 22.8
K-034	13 25 10.27	-42 53 33.1
HGHH-11	13 24 54.73	-43 01 21.7
HGHH-21	13 25 52.74	-43 05 46.4
HHH86-14	13 25 10.49	-42 44 52.6
HGHH-04	13 25 01.83	-43 09 25.4
HGHH-29	13 24 40.39	-43 18 05.3
HGHH-34	13 25 40.61	-43 21 13.6
HHH86-26	13 26 15.27	-42 48 29.4
HGHH-G204	13 25 46.99	-43 02 05.4
HHH86-28	13 24 18.06	-42 49 01.1
PFF-gc100	13 27 03.41	-42 27 17.2
HHH86-16	13 25 35.00	-42 36 05.0
AAT329848	13 26 01.29	-43 34 15.5
SMC5_065055	00 53 55.34	-72 26 45.30
SMC5_014271	00 54 18.13	-72 27 37.15

SMC5_037013 00 55 13.61 -72 29 13.69

SMC5_004326 00 55 51.73 -72 19 10.54

SMC5_16461 00 55 49.61 -72 25 27.43

SMC5_037102 00 56 06.45 -72 28 27.70

SMC5_082819 00 56 07.19 -72 28 13.70

SMC5_003910 00 56 18.27 -72 21 53.90

SMC5_014052 00 56 23.01 -72 27 53.90

SMC5_016544 00 56 29.10 -72 25 21.50

SMC5_014114 00 56 32.26 -72 27 50.17

SMC5_004034 00 56 34.57 -72 20 50.8
SMC5_190576 00 56 44.31 -72 29 06.30

SMC5_082667 00 57 37.22 -72 13 09.12

SMC5_038701 00 58 47.10 -72 13 01.57

NGC346-MPG593 00 59 11.63 -72 09 57.0
N11 029 04 55 56.34 -66 29 03.9
BRGG56 04 56 42.52 -66 25 17.6
N11 026 04 56 52.54 -66 19 55.8

Pistol star 17 46 15.3 -28 50 04
[BSP2001]8 17 45 50.81 -28 29 17.1
CD-32 9927 14 11 46.37 -33 03 14.3

HE0516-2515 05 18 09.4 -25 12 25
HE0915-0327 09 18 08.2 -03 39 57
HE1011-0942 10 14 25.0 -09 57 54
HE1045-1434 10 47 44.1 -14 50 23
HE1238-0836 12 41 02.4 -08 53 06
HE1315-2035 13 17 57.4 -20 50 53
HE1418+0150 14 21 01.2 +01 37 18
HE2153-2323 21 56 37.6 -23 09 25

LHS 1075 00 26 00.52 -19 18 51.8
CD-28 1340 03 56 15.97 -28 23 58.7
RY Mon 07 06 56.47 -07 33 26.5
RT Pup 08 05 19.98 -38 46 36.1
Gl413.1 11 09 31.34 -24 35 55.1

NGC2808 (cluster) 09 12 02.57 -64 51 46.2

---

* Category III: Young stellar objects and clusters

IRAS06058+2138/nr534 06 08 54.28 +21 38 24.4
IRAS06058+2138/nr221 06 08 55.13 +21 37 55.5
IRAS06058+2138/nr227 06 08 54.83 +21 38 49.1
IRAS06084-0611/nr114 06 10 50.34 -06 11 19.4

IRAS06084-0611/nr118	06 10 50.27	-06 11 57.6
IRAS06412-0105/nr121	06 43 48.40	-01 08 20.6
IRAS07299-1651/nr618	07 32 09.81	-16 58 14.7
IRAS07299-1651/nr598	07 32 11.72	-16 58 32.9
IRAS08576-4334/nr179	08 59 27.57	-43 45 39.0
IRAS08576-4334/nr292	08 59 21.59	-43 45 31.6
IRAS08576-4334/nr408	08 59 28.38	-43 46 03.6
IRAS08576-4334/nr413	08 59 27.38	-43 45 29.4
IRAS08576-4334/nr462	08 59 27.15	-43 45 26.6
IRAS09002-4732/nr842	09 01 54.47	-47 44 10.6
IRAS09002-4732/nr697	09 01 54.99	-47 43 50.4
IRAS11097-6102/nr693	11 11 54.56	-61 18 23.4
IRAS11097-6102/nr1218	11 11 53.34	-61 18 22.0
Sigma Ori (cluster)	05 38 44.76	-02 36 00.25
TW Hydra (cluster)	11 01 51.90	-34 42 17.02
NGC1850 in LMC (cluster)	05 08 45.79	-68 45 38.6

---

* Category IV: Galaxies & Galaxy clusters

MF40714	02 16 14.42	-05 10 16.1
MF29575	02 16 57.00	-05 16 13.6
UGCS034550	03 45 50.62	+23 44 36.9
UGCS-Pl-31	03 46 34.25	+23 50 03.7
BPL249	03 52 02.10	+23 15 45.4
BPL201	03 49 12.51	+24 11 12.9
UGCS-Pl-30	03 46 32.13	+24 23 14.6
Horseshoe	11 48 33	+19 30 04
CLASS 2108+231	21 10 54	+21 31 00
SDSSJ085615.62-001352.1	08 56 15.62	-00 13 52.2
SDSSJ095754.70+023832.7	09 57 54.71	+02 38 32.8
SDSSJ100241.56+035200.9	10 02 41.56	+03 52 00.9
SDSSJ100234.32+015011.1	10 02 34.33	+01 50 11.2
SDSSJ102900.49+081325.8	10 29 00.49	+08 13 25.8
SDSSJ105023.68-010555.5	10 50 23.69	-01 05 55.6
SDSSJ111840.56+075324	11 18 40.56	+07 53 24.1
SDSSJ113213.02-005245.0	11 32 13.02	-00 52 45.1
SDSSJ113502.19+030505.3	11 35 02.20	+03 05 05.3
SDSSJ115638.39+044429.9	11 56 38.40	+04 44 30.0
SDSSJ124255.31+024956.9	12 42 55.32	+02 49 57.0
SDSSJ123816.84-005656.5	12 38 16.85	-00 56 56.6
SDSSJ132339.23+015452.1	13 23 39.23	+01 54 52.2
SDSSJ142733.85-001041.9	14 27 33.85	-00 10 41.9
A3376 1470	06 01 50.67	-39 46 01.3
A3376 1000	06 01 56.89	-40 04 06.9
A957 1939	10 14 19.20	-00 49 17.6
A1069 4770	10 39 54.50	-08 43 23.2
A1069 2030	10 40 27.04	-08 34 16.3
A3497 20560	11 58 52.25	-31 29 38.0
A3497 11407	11 59 57.39	-31 22 17.0
A3497 9167	12 00 15.22	-31 21 52.8
A3497 8742	12 00 18.27	-31 28 53.4
A3497 2421	12 01 04.80	-31 09 32.4
A2382 8259	21 51 36.10	-15 46 38.9

CM07-435	12 47	-40 54
CCC 1	12 47	-41 39
CM07-374	12 47	-41 20
CM07-1214	12 48	-41 20
CCC 61	12 48	-41 16
CCC 38	12 48	-41 42
CCC 97	12 49	-41 25
CCC 111	12 49	-41 21
CCC 125	12 49	-41 15
CCC 75	12 49	-41 15
CCC 88	12 49	-41 43
CCC 150	12 50	-41 17
CCC 208	12 51	-41 25
CCC 228	12 52	-41 45
CCC 260	12 53	-41 08
EDCSNJ1232336-1252103	12 32 33.6	-12 52 10.3
EDCSNJ1232346-1250500	12 32 34.6	-12 50 50.0
EDCSNJ1216417-1203054	12 16 41.7	-12 03 05.4

---

* Category V: High-z Galaxies and DLA

SDSSJ091826.16+163609.0	09 18 26.16	+16 36 09.0
SDSSJ105744.45+062914.3	10 57 44.45	+06 29 14.3
SDSSJ122654.39-005430.6	12 26 54.39	-00 54 30.6
SDSSJ123318.17+110032.3	12 33 18.17	+11 00 32.3
SDSSJ124640.37+111302.9	12 46 40.37	+11 13 02.9
SDSSJ125306.73+130604.9	12 53 06.73	+13 06 04.9
SDSSJ130137.24+124605.0	13 01 37.24	+12 46 05.0
SDSSJ130426.15+120245.5	13 04 26.15	+12 02 45.5
SDSSJ205922.42-052842.7	20 59 22.42	-05 28 42.7
SDSSJ222256.11-094636.2	22 22 56.11	-09 46 36.2
Abell 68 c1	00 37 06.10	+09 09 18.7
Abell 1689 c3	13 11 28.43	-01 19 44.5
Abell 1689 c1	13 11 31.85	-01 20 40.0
Abell 1689 c2	13 11 31.26	-01 20 29.8
J081827.40+1722	08 18 27.40	+17 22 51.8
J103027.10+0524	10 30 27.10	+05 24 55.0
J104433.04-0125	10 44 33.04	-12 50 02.2
LAE_C24591	09 59 40.94	+02 23 04.1
LAE_C16827	10 00 14.19	+02 14 26.3
LAE_C27255	10 01 32.24	+02 25 57.2
LAE_C27432	10 01 33.00	+02 25 57.2
91769	02 18 22.2	-04 44 09.4
18643	02 17 29.2	-05 22 10.5
CFRS03.1077	03 02 30.9	+00 06 02.1
ESO-LV2060140	06 28 28.5	-48 45 50
J105816+102414	10 58 16.81	+10 24 14.50
A1689_arc_1+2	13 11 32.9	-01 19 25
A1689_arc_3	13 11 33.41	-01 19 31.1
A1689-image9.1	13 11 30.30	-01 19 48.3
A1689-straight	13 11 33.35	-01 20 01.7
MG2016+112	20 19 18.15	+11 27 08.3

SDSSJ012147.73+002718.7	01 21 47.7	+00 27 19
AO 0235+164	02 38 38.93	+16 36 59.3
SDSSJ085244.74+343540.5	08 52 44.74	+34 35 40.5
SDSSJ145907.19+002401.2	14 59 07.19	+00 24 01.3
SDSSJ231546.57-002358.1	23 15 46.6	-00 23 58
2QZ J232800.7-271655	23 28 00.7	-27 16 55
2QZ J232804.4-271713	23 28 04.4	-27 17 13
SDSS J01118+1401B	01 11 50.1	+14 1 41
SDSS J01118+1402	01 11 49.4	+14 2 15
CTS H26.12	03 17 41.2	-53 11 59
CTS H26.13	03 17 43.2	-53 11 3
2QZ J030640-3010	03 6 40.8	-30 10 32
2QZ J030643-3011	03 6 43.7	-30 11 7
J0307-4945	03 07 22.85	-49 45 47.6
BR0951-04	09 53 55.69	-05 04 18.5
BR 1202-07	12 05 23.63	-07 42 29.9
PSS2241+1352	22 41 47.9	+13 52 03
HUDF field	03 32 39	-27 47 29.1
Cosmic_eye	21 35 12.7	-01 01 43

---

* Category VI: Gamma-Ray Burst Hosts

GRB 060912A	00 21 08.14	+20 58 17.7
GRB 021004	00 26 54.7	+18 55 42
GRB 070808	00 27 03.46	+01 10 37.2
GRB 060719	01 13 43.71	-48 22 51.2
GRB 050908	01 21 50.8	-12 57 17
GRB 000210	01 59 15.6	-40 39 33
GRB 000911	02 18 34.4	+07 44 28
GRB 070802	02 27 35.75	-55 31 38.8
GRB 070129	02 28 00.94	+11 41 04.5
GRB 060306	02 44 22.92	-02 08 54.6
GRB 060218	03 21 39.8	+16 52 06
GRB 050826	05 51 01.6	-02 38 35
GRB 060729	06 21 31.81	-62 22 12.6
GRB 051006	07 23 14.09	+09 30 20.1
GRB 031203	08 02 30.19	-39 51 03.8
GRB 051016B	08 48 27.81	+13 39 20.0
GRB 061021	09 40 36.13	-21 57 05.1
GRB 030323	11 06 09.4	-21 46 13
GRB 011211	11 15 18.0	-21 56 56
GRB 990506	11 54 54.7	-26 41 15
GRB 050416	12 33 54.6	+21 03 27
GRB 050509B	12 36 13.9	+28 59 01
GRB 080607	12 59 47.3	+15 55 11
GRB 060814	14 45 21.32	+20 35 10.7
GRB 060418_int	15 45 42.6	-03 38 20.9
GRB 000301C	16 20 18.6	+29 26 36
GRB 050724	16 24 44.4	-27 32 28
GRB 050401	16 31 28.8	+02 11 14
GRB 030528	17 04 00.3	-22 37 10
GRB 050223	18 05 32.5	-62 28 21
GRB 020813	19 46 41.8	-19 36 05
GRB 060614	21 23 32.1	-53 01 36
GRB 060605	21 28 37.3	-06 03 31

GRB 060505 22 07 01 -27 48 56
GRB 050820A 22 29 38.1 +19 33 37
GRB 020903 22 49 25 -20 53 59
GRB 050709 23 01 26.9 -38 58 39
GRB 060707 23 48 19.05 -17 54 17.3

* Category VII: SNe, Transients & Gamma-Ray Bursts

SN 2005ip 09 32 06.42 +08 26 44.4
SN 1996al 23 33 16.1 -54 05 02
SN 1995N 14 49 28.27 -10 10 15.4

Service Mode/ToO observations:

GRB ToO 00 00 00.0 +00 00 00.0

15-20 triggers in total, of which 3-4 in RRM mode
Trigger criteria:
* Low Galactic extinction (A_V =< 0.5 mag)
* Within the Paranal declination range:
-70<dec<+35
* A large sun angle (theta_sun>55 degrees)
* An available XRT position from Swift, Fermi or
a
position with comparable accuracy as those provided by
Swift
* R=<24

Next Galactic Supernova (ToO) 00 00 00.00 +00 00 00.0

1 target, 10 triggers per target
Trigger Citeria: Supernovae (of any type) in our Galaxy,
with an R<23
and/or K<20.

SNe from LBT/Hawk I (ToO) 00 00 00.0 +00 00 00.0

3 targets, 1 trigger per target.
Trigger Citeria:
* Targets from the SN Observing program at the
LBT, PI
Mannucci. Targets which have V<22.0.
* Targets from the VLT-Hawk-I program on: 'An
infrared SN
search in starburst galaxies, PI. E. Cappellaro. Targets
will be
selected on "low" extinction (A_V<10 mag)

SNe ToO 00 00 00.0 +00 00 00.0

7-10 triggers
Trigger criteria: And/Either:
* Bright (V = 14-15), nearby (v_rec < 5000 km/s)
or
* GRB connected SN if V<20.
or
* Intrinsically bright (M_V<-19; V<20) SN with

interaction
    evidence at z<0.2 (SN 2006gy-like).