

Appendix I. Observing Programs 2007B and 2008A

GN Scientific Ranking 2007B Band 1

Ref #	PI	Partner	Title	Instrument	Hours
GN-2007B-Q-1	Akiyama	JP	Establishing the drastic evolution of the stellar mass distribution of galaxies	NIRI+AltairLGS	16
GN-2007B-Q-2	Albert	CA	Spectroscopic Investigation of Exceptionnally Cool Brown Dwarf Candidates from the CFHT Legacy Survey	NIRI	7
GN-2007B-Q-3	Albert	CA	Spectroscopic Investigation of Exceptionnally Cool Brown Dwarf Candidates from the CFHT Legacy Survey	NIRI	12
GN-2007B-Q-4	Barlow	UK	Dust formation by Type II Supernovae	Michelle	13.4
GN-2007B-Q-5	Barlow	UK	Unidentified Infrared Bands and the formation of PAHs around Carbon Stars	Michelle	9
GN-2007B-Q-6	Beck	GS	Understanding the Outflow Launching Mechanism in Embedded YSOs	NIFS+AltairLGS	12.6
GN-2007B-Q-7	Bersier	UK	The Supernovae of Gamma-Ray Bursts: Exploring the diversity of stellar explosions	GMOS	5
GN-2007B-Q-8	Bonanos	US	The DIRECT Distance to M33	GMOS	33
GN-2007B-Q-9	Cerqueira	BR	Spatially distributed spectra of the HH111L knot.	GMOS	4.2
GN-2007B-Q-10	Champion	CA	Constraining the Origin of an Eccentric Millisecond Pulsar Binary in the Galactic Disk	NIRI	1
GN-2007B-Q-11	Fesen	US	Detecting the Optical Counterpart to the 66 ms Pulsar in the Young Supernova Remnant 3C 58	GMOS	3.5
GN-2007B-Q-12	Fu	UH	EXTENDED EMISSION-LINE REGIONS AROUND QUASARS	GMOS	15
GN-2007B-Q-13	Garnett	US	Stellar Metallicity Distributions and Kinematics in the Disk of M33	GMOS	15
GN-2007B-Q-14	Geach	UK	GNIRS observations of narrowband selected H-alpha emitters at $z=2.2$	NIRI	30
GN-2007B-Q-15	Goncalves	BR	IC10: the nearest starburst galaxy providing constraints for detailed chemical evolution models	GMOS	4.3
GN-2007B-Q-16	Gramajo	AR	Exploring the Giant Planets Formation Zone in Proto-Planetary Disks Associated with Young Binary Stars	NIRI	4.6
GN-2007B-Q-17	Hook	CA/UK/ US	The Nature of Dark Energy from Type Ia Supernovae	GMOS	70
GN-2007B-Q-18	Hughes	US	Tracing accelerated galaxy formation in a proto-cluster at $z=3.8$ with GMOS	GMOS	16
GN-2007B-Q-19	Kanwar	US	Near-IR Integral Field Spectroscopy of the First Large Disk Galaxies	NIFS	14.2
GN-2007B-Q-20	Kawara	JP	Spectroscopic study of a massive galaxy at $z\sim 5.5$	GMOS	5
GN-2007B-Q-21	Krajnovic	UK	Measuring black hole masses of SAURON galaxies with NIFS and LGS	NIFS / NIFS+AltairLGS	15
GN-2007B-Q-22	Leggett	GS/US	3 - 4 micron Spectroscopy of the Early-T Dwarf HN PegB	NIRI	7.2
GN-2007B-Q-23	Mason	UK	The dust, disk and magnetic field around a high-mass star in M17	Michelle	3
GN-2007B-Q-24	McCarthy	AU	Dynamics of Galaxies at the Peak of the Formation Epoch	NIFS+AltairLGS	10
GN-2007B-Q-25	Meech	UH	StardustNExT Mission - Comet Tempel 1 Rotation	GMOS	3

GN-2007B-Q-26	Pinfield	UK	Confirming the first Y dwarfs from UKIDSS	NIRI	17
GN-2007B-Q-27	Price	AU/UH	Gamma-Ray Bursts at the Highest Redshifts	GMOS / NIRI	25
GN-2007B-Q-28	Roche	UK	Resolved Mid-IR polarimetry of NGC1068	Michelle	1
GN-2007B-Q-29	Roche	UK	A high spatial resolution study of the heavily obscured nuclei of NGC 1377 and NGC 3094	Michelle	2
GN-2007B-Q-30	Roe	US	Titan's methane clouds: Seasonal change and surface geology	NIFS+Altair / NIRI+Altair	10
GN-2007B-Q-31	Tanvir	UK	Rapid observations of GRB afterglows	GMOS / NIRI	12
GN-2007B-Q-32	van Kerkwijk	CA	Determining the nature of infrared emission of magnetars from phase-resolved near-infrared imaging of 4U 0142+61	NIRI	5
GN-2007B-Q-33	Von Hippel	US	Time-Variable Accretion of a White Dwarf Debris Disk	GMOS	10
GN-2007B-Q-34	Weinberger	US	Mid-Infrared Polarimetry of the Disk of β Pictoris	Michelle	10
GN-2007B-Q-35	Willott	CA	Near-infrared spectroscopy of CFHQS $z>6$ quasars	NIRI	10
GN-2007B-Q-36	Worters	UK	Constraining the Effective Temperature in Sakurai's Object	Michelle	2

GN Scientific Ranking 2007B Band 2

Ref #	PI	Partner	Title	Instrument	Hours
GN-2007B-Q-37	Akiyama	JP	Establishing the drastic evolution of the stellar mass distribution of galaxies	NIRI+AltairLGS	8
GN-2007B-Q-38	Aspin	UH	Resolving the FU~Orionis Close Binary	NIFS+Altair	1
GN-2007B-Q-39	Aspin	UH	Which protostar drives HH~22 ?	NIFS	2.5
GN-2007B-Q-40	Bary	GS	Molecular Hydrogen in Planet-Forming Disks	NIFS+Altair	6.6
GN-2007B-Q-41	Brown	US	Mid-IR imaging of proto-planetary disks with inner gaps	Michelle	8
GN-2007B-Q-42	Casewell	UK	Methane Imaging of T dwarfs in the Pleiades	NIRI	14
GN-2007B-Q-43	Crawford	UK	Mapping the molecular gas around NGC1275	NIRI	14
GN-2007B-Q-44	Drissen	CA/GS	Dynamics and chemical evolution of small starbursts: NGC 2363B and NGC 2403-II	GMOS	10
GN-2007B-Q-45	Eisner	US	Astrometric Microlensing of Nearby Stars with Gemini LGS-AO	NIRI+AltairLGS	22.5
GN-2007B-Q-46	Franco	BR	Mid-Infrared polarization map for the Class 0 object SVS 13B	Michelle	2.34
GN-2007B-Q-47	Geballe	GS	Testing for C-shocks Within a nearby Bow Shock: Spatially Resolved H2 Line Ratios in HH7	NIFS	5
GN-2007B-Q-48	Geballe	GS	The Spatial Behavior of the Unidentified Infrared Bands in Planetary Nebulae	Michelle / NIRI	4.5
GN-2007B-Q-49	Gladman	CA	Kuiper Belt binary studies	GMOS	1
GN-2007B-Q-50	Hammel	US	Uranus at Equinox: Spatial Mapping of Stratospheric Temperature and Composition	Michelle	4
GN-2007B-Q-51	Hodapp	UH	Outflows, Disks, and Binarity in FUor-like Objects	NIRI	8
GN-2007B-Q-52	Kotak	UK	Near-infrared observations of a monster supernova	NIRI+AltairLGS	12
GN-2007B-Q-53	Lafreniere	CA/GS	High-resolution imaging of newly found L and T dwarfs	NIRI+AltairLGS	16

GN-2007B-Q-54	Lin	US	Near-IR Spectroscopy of 3 Bright Strongly-Lensed High-Redshift Galaxies from the SDSS	NIRI	11
GN-2007B-Q-55	Lipari	AR	3D Spectroscopy of Fe II/Balmer Low Ionization BAL QSOs (at medium/high z)	GMOS	5
GN-2007B-Q-56	Lira	CL	Black-hole mass and growth rate at high redshift	NIRI	21.5
GN-2007B-Q-57	Liu	US	An exploratory spectroscopic study for an ultraluminous X-ray source in Holmberg II	GMOS	4
GN-2007B-Q-58	Mackey	UK	Deep imaging of the most remote known M31 globular cluster	GMOS	3.5
GN-2007B-Q-59	Marois	CA/GS/ US	Direct Exoplanet Search Around Dusty Early-Type Stars.	NIRI+Altair	32
GN-2007B-Q-60	Mason	GS/US	The dust, disk and magnetic field around a high-mass star in M17	Michelle	7
GN-2007B-Q-61	Mason	GS	Merging black holes in a nearby LINER?	GMOS	5
GN-2007B-Q-62	Matheson	US	Constraining the Hubble Constant with a Type II Supernova	GMOS	12
GN-2007B-Q-63	McCall	CA	A Unified Approach to the Chemistry of Bulges and Disks	GMOS	10
GN-2007B-Q-64	McCarthy	CA/GS/ US	Dynamics of Galaxies at the Peak of the Formation Epoch	NIFS+AltairLGS	22
GN-2007B-Q-65	McConnachie	UK/US	The destructive path of NGC205	GMOS	8
GN-2007B-Q-66	Merline	US	Ceres under the Microscope	NIFS+Altair	10
GN-2007B-Q-67	Nesvorny	US	Spectroscopic Observations of Very Young Asteroid Families	GMOS	5
GN-2007B-Q-68	Prieto	US	Accurate Parameters for the Most Massive Stars in the Local Universe: the Brightest Eclipsing Binaries in M33	GMOS	18
GN-2007B-Q-69	Roig	AR/BR	Mineralogy of V-type candidates in the outer belt	NIRI	9.6
GN-2007B-Q-70	Sharp	AU	AGN black hole masses and the cause of accretion	GMOS	5.8
GN-2007B-Q-71	Song	GS	Terrestrial Planet Formation and Evolution around Sun-like Stars (Michelle part)	Michelle	5
GN-2007B-Q-72	Stockton	UH	Quasar Extended Emission-Line Regions at $z \sim 1.5$	NIFS+AltairLGS	7
GN-2007B-Q-73	Stott	UK	Distant clusters of galaxies selected from the UKIDSS DXS in the SA22 field	GMOS	24
GN-2007B-Q-74	Tam	CA	Monitoring the Curious Near-IR Variability of the Anomalous X-ray Pulsar 4U 0142+61	NIRI	12
GN-2007B-Q-75	Tollestrup	UH	Active Star Formation in Infrared Dark Clouds	NIRI	11
GN-2007B-Q-76	York	CA/UK	Testing the predicted near-Solar metallicity for a uniquely cold DLA at $z=2.289$	GMOS	6

GN Scientific Ranking 2007B Band 3

Ref #	PI	Partner	Title	Instrument	Hours
GN-2007B-Q-77	Ahmic	CA	Multiplicity and Star Formation	NIRI	15
GN-2007B-Q-78	Bastien	CA	Imaging and spectroscopic observations of a new T Tauri star jet	GMOS	7.73
GN-2007B-Q-79	Bauer	US	The Star Formation History of the XMMU J2235.3-2557 Galaxy Cluster at $z=1.4$	NIRI	21.2
GN-2007B-Q-80	Bresolin	UH	A differential study of massive star formation in spiral galaxies	GMOS	15

GN-2007B-Q-81	Chapman	UK	A spectroscopic survey of 4 new dwarf spheroidal galaxies and a fuzzy cluster in the outskirts of M31	GMOS	5.6
GN-2007B-Q-82	Ciardullo	US	Exploring the Chemical History of Early Stellar Populations	GMOS	31.5
GN-2007B-Q-83	Conselice	UK	IFU NIR Spectroscopy of the Most Massive Galaxies at $z \sim 1.4$	NIFS	9.6
GN-2007B-Q-84	Coppin	UK	NIFS studies of well-studied submillimetre galaxies in GOODS-N	NIFS	11
GN-2007B-Q-85	Davidge	CA	The M81 Group Galaxies Ho Ix and BK3N: Something Old or Something New?	NIRI	15
GN-2007B-Q-86	De Buizer	GS	Revealing a Massive Protocluster in S255N	Michelle	2.4
GN-2007B-Q-87	de Mello	US	Probing the intragroup medium of HCG100, an evolved compact group of galaxies	GMOS	5.1
GN-2007B-Q-88	Dobbie	AU	Methane imaging of a Y dwarf candidate in the UKIDSS Deep Extragalactic Survey	NIRI	2
GN-2007B-Q-89	Fassnacht	US	Lens Redshifts of CLASS Gravitational Lenses	GMOS	5
GN-2007B-Q-90	Forte	AR	The halo-globular cluster connection in the elliptical galaxy NGC 7626	GMOS	9.2
GN-2007B-Q-91	Geach	UK/US	Extreme activity in distant clusters: GMOS observations of AzTEC/MIPS sources in MS0451-03	GMOS	11.3
GN-2007B-Q-92	Gil-Hutton	AR	Near-IR photometry of Trans-Neptunian objects	NIRI	6.4
GN-2007B-Q-93	Hilton	GS/US	Testing hierarchical formation models of elliptical cluster galaxies	GMOS	24.3
GN-2007B-Q-94	Jarvis	UK	Exploring the connection between bulge/black-hole mass and radio luminosity from $z=0$ to $z=3$	GMOS	23.8
GN-2007B-Q-95	Jorgensen	GS	Active Star Formation in the $z=0.83$ Merging Galaxy Cluster RXJ0152.3-1357	NIRI	10
GN-2007B-Q-96	Kassis	US	Early evolution of photoevaporating protoplanetary disks: mid-infrared spectra of the Orion Nebula proplyds	Michelle	17
GN-2007B-Q-97	Koenig	US	High Resolution Imaging of Massive Proplyd Candidates in W5	Michelle	10
GN-2007B-Q-98	Kotak	UK	Near-infrared observations of a monster supernova	NIRI	5.4
GN-2007B-Q-99	Levan	UK/UH	The host galaxies of Swift gamma-ray bursts	GMOS	12
GN-2007B-Q-100	Lipari	AR	Deep 3D Spectroscopy of Sub-mm and Radio Fe II-BAL QSOs (at high Z)	GMOS	3.5
GN-2007B-Q-101	Loubser	UK	Determining Star Formation Histories of cD Galaxies	GMOS	22.5
GN-2007B-Q-102	Lowenthal	US	Dynamics of a galaxy proto-cluster at $z=2.3$	GMOS	33
GN-2007B-Q-103	Martins	BR	Looking for starbursts signatures in Type II QSOs	NIRI	4.2
GN-2007B-Q-104	Modjaz	US	Revealing the Heart of the Explosion: Nebular-Phase Spectroscopy of Type I Supernovae	GMOS	15.9
GN-2007B-Q-105	Orton	US	Mapping of Thermal Anomalies in Neptune: Implications for Dynamical and Radiative Processes	Michelle	2.5
GN-2007B-Q-106	Richards	US	Spectroscopic Monitoring of SDSS J1004+4112	GMOS	12
GN-2007B-Q-107	Rodgers	GS/US	Investigating the Nature of HAEBE Companions	NIFS / NIFS+Altair / NIRI+Altair	22.5
GN-2007B-Q-108	Sawicki	CA	Luminosity Dependence in Lyman Break Galaxies	GMOS	30

GN-2007B-Q-109	Scholz	CA/UK	Reaching for the Bottom of the IMF: Spectroscopy of Ultra-Low-Mass Brown Dwarfs	GMOS	20
GN-2007B-Q-110	Sharples	UK	The Formation of S0 Galaxies - Gemini North Sample	GMOS	24
GN-2007B-Q-111	Shone	UK	The relationship between gas and galaxies at a redshift $z \sim 1$.	GMOS	23.3
GN-2007B-Q-112	Smecker-Hane	UK	Investigating the Halo of M33	GMOS	9.5
GN-2007B-Q-113	Takamiya	UH	Spatial Distribution of Star-Forming Regions in Disk Galaxies at $z=0.77$	GMOS	25
GN-2007B-Q-114	Tanner	US	Potential very low-mass companions to young stars in Taurus and Ophiuchus	NIFS+Altair	16
GN-2007B-Q-115	Teodorescu	UH	The time-evolution of the metallicity gradient in NGC2403	GMOS	8.5
GN-2007B-Q-116	Trundle	UK	Providing a zero point for absolute nebula abundances: Massive stars in M31.	GMOS	28.3
GN-2007B-Q-117	Wahhaj	UH	Probing Terrestrial Planet Formation Around Nearby M Dwarfs	Michelle	11

GS Scientific Ranking 2007B Band 1

Ref #	PI	Partner	Title	Instrument	Hours
GS-2007B-Q-1	Bersier	UK	The Supernovae of Gamma-Ray Bursts: Exploring the diversity of stellar explosions	GMOS-S	5
GS-2007B-Q-2	Chen	CA/CL/UK /US	Rapid Spectroscopy and Imaging Follow-up of gamma-Ray Burst Afterglows on the Gemini Telescopes	GMOS-S	15
GS-2007B-Q-3	De Buizer	GS	Gemini/T-ReCS Continued High Spatial Resolution Monitoring of the Evolving SN1987A Remnant	TReCS	11.5
GS-2007B-Q-4	Fitzsimmons	UK	Refining the composition and YORP effect for (54509) YORP	GMOS-S	4.1
GS-2007B-Q-5	Gladders	US	GMOS Spectroscopy of a Wide-Separation Strongly-Lensed Quasar Candidate	GMOS-S	6.2
GS-2007B-Q-6	Matheson	US	The ESSENCE Project: Measuring the Equation of State of Dark Energy	GMOS-S	40
GS-2007B-Q-7	Nesvorny	BR/US	Spectroscopic Observations of Very Young Asteroid Families	GMOS-S	11
GS-2007B-Q-8	Padilla	CL	An optical spectroscopic survey of 4micron-selected massive galaxies	GMOS-S	36.3
GS-2007B-Q-9	Salinas	CL/GS	Where dark matter shines: Dynamics of Abell 545 and its "star pile"	GMOS-S	21
GS-2007B-Q-10	Sharp	AU	AGN black hole masses and the cause of accretion	GMOS-S	8.65

GS-2007B-Q-11	Smith Castelli	AR	The faint galaxy content of the Antlia cluster: BCD galaxies.	GMOS-S	8.1
GS-2007B-Q-12	Fruchter	UK/US	The Elusive Origin of Short Gamma-Ray Bursts	GMOS-S	15
GS-2007B-Q-13	Turner	GS	The Supergiant Cannibal in Abell 3827	GMOS-S	3.4
GS-2007B-Q-14	Venemans	UK	Flies in the Spiderweb: Formation of a dominant cluster galaxy at $z=2.2$	GMOS-S	16.5
GS-2007B-Q-15	Willott	CA	$z=6$ quasars to probe the reionization of the universe	GMOS-S	6.5
GS-2007B-Q-16	Wilson	CA/US	Connecting Star-forming Proto-clusters to Quiescent Clusters: A Rare Rich Galaxy Cluster at $z = 1.7$	GMOS-S	14.6
GS-2007B-Q-17	Yamada	JP	Truncation of star formation in early-type galaxies in the cluster infall region	GMOS-S	21
GS-2007B-Q-201	Cortes	BR	Probing chromospheric outflows in metal-poor red giants	Phoenix	4.5
GS-2007B-Q-202	Firpo	BR	Giant Extragalactic HII Regions	GMOS-S	2.62
GS-2007B-Q-203	Mason	GS/US	The mid-IR emission of low-luminosity AGN, and the origin of the torus	TReCS	9
GS-2007B-Q-204	McLure	UK	Tracing galaxy mass assembly in the UKIDSS Ultra Deep Survey	GMOS-S	17.5
GS-2007B-Q-205	Miller	GS/US	Abell 1882 and the Cosmic Web	GMOS-S	13
GS-2007B-Q-206	Sawicki	CA	Luminosity Dependent Evolution of LBGs at $z\sim 5$	GMOS-S	22
GS-2007B-Q-207	Smith	US	Mass Loss and Rotation in Making a WR star: High-Resolution IR imaging and spectroscopy of IRC+10420	Phoenix / TReCS	5
GS-2007B-Q-208	van Loon	UK	Dust production in omega Centauri	TReCS	5
GS-2007B-Q-209	Yong	AU	The first detailed abundance analysis of giant stars in the tidally disrupted globular cluster NGC 6712	Phoenix	12.4

GS Scientific Ranking 2007B Band 2

Ref #	PI	Partner	Title	Instrument	Hours
GS-2007B-Q-18	Artigau	GS	An odd pair: understanding the nature of the widest very low mass binary	GMOS-S	3
GS-2007B-Q-19	Brown	US	Mid-IR imaging of proto-planetary disks with inner gaps	TReCS	6
GS-2007B-Q-20	Chiu	UK	Seeking the First $z>6.4$ Quasar from the UKIDSS	GMOS-S	6.5
GS-2007B-Q-21	Edge	UK	A combined Gemini IFU and HST study of the possible interactions in cooling flow brightest cluster galaxies	GMOS-S	6.2
GS-2007B-Q-22	Gladman	CA	Kuiper Belt binary studies	GMOS-S	2
GS-2007B-Q-23	Mackey	UK	Revealing the nature of "Cluster 6" in the Fornax dwarf galaxy	GMOS-S	2
GS-2007B-Q-24	Madsen	US	Examining the Star Formation Law in the Extended UV Disk of PGC9103	GMOS-S	1.6
GS-2007B-Q-25	Moerchen	US	T-ReCS and MICHELLE Imaging Study of Stochastic Processes in Debris Disks	TReCS	3

GS-2007B-Q-26	Puzia	CA	The Early Enrichment History of Fornax Cluster Galaxies	GMOS-S	31
GS-2007B-Q-27	Schreiber	CL/UK	Identification of a large sample of post common envelope binaries	GMOS-S	22
GS-2007B-Q-28	Sharples	AR/CA/UK/ US	Globular Clusters as Probes of Galaxy Formation	GMOS-S	20
GS-2007B-Q-29	Sharples	UK	The Formation of S0 Galaxies - Gemini South Sample	GMOS-S	24
GS-2007B-Q-30	Torres	UK/US	Unravelling the role of the SW Sextantis stars in the evolution of cataclysmic variables	GMOS-S	6
GS-2007B-Q-31	Van Der Bliik	US	A mid-infrared search for extrasolar planets around nearby bright stars	TReCS	11
GS-2007B-Q-32	Webster	AU	AGN Emission Line Regions and Black Hole Masses	GMOS-S	12.5
GS-2007B-Q-33	Wiklind	US	Old Galaxies in a Young Universe: Spectroscopy of Massive Galaxies at High Redshift	GMOS-S	16
GS-2007B-Q-34	Worters	UK	Constraining the Effective Temperature in Sakurai's Object	GMOS-S	2.1
GS-2007B-Q-210	Cruz	US	Confirming Cluster Membership for Nearby Young Brown Dwarfs	Phoenix	43
GS-2007B-Q-211	Gomez	AR	A Search for Binary Companions Associated with Brown Dwarfs in the Corona Australis Star-Forming Region	TReCS	3
GS-2007B-Q-212	Hickel	BR	A Mid-Infrared Analysis of the High-Mass YSO IRAS11101-5829 and HH135/136	TReCS	3.2
GS-2007B-Q-213	Lee	GS	Is the Sagittarius Dwarf Irregular Galaxy the Most Metal-Poor Galaxy in the Local Group?	GMOS-S	5.5
GS-2007B-Q-214	Oudmaijer	UK	Spatially Resolved Warm Disks Around Massive Young Stellar Objects : Spectro-astrometry around CO	Phoenix	25
GS-2007B-Q-215	Perlman	GS/UK	High Resolution Mid-IR Imaging of Radio Galaxies	TReCS	3
GS-2007B-Q-216	Pinfield	UK	Discovering nearby cool dwarfs in moving groups with Phoenix	Phoenix	10.5
GS-2007B-Q-217	Pott	US	Interstellar absorption towards the Galactic center - the enigma of GCIRS 3	TReCS	17
GS-2007B-Q-218	Rojo	CL	A Search for Water Signature on Extrasolar Planets using PHOENIX	Phoenix	36
GS-2007B-Q-242	Moerchen	US	Seeking Silicate Emission In A Newly Resolved Extended Debris Disk	Michelle / TReCS	2.8
GS-2007B-Q-250	Hammel	US	Uranus at Equinox: Spatial Mapping of Stratospheric Temperature and Composition	Michelle / TReCS	4

GS Scientific Ranking 2007B Band 3

Ref #	PI	Partner	Title	Instrument	Hours
GS-2007B-Q-35	Bersier	US	The Supernovae of Gamma-Ray Bursts: Exploring the diversity of stellar explosions	GMOS-S	14.6

GS-2007B-Q-36	Bildfell	CA	Structural Properties of Brightest Cluster Galaxies: Relation to their Host Clusters	GMOS-S	12.1
GS-2007B-Q-37	Black	UK	Recovery of a pre-telescopic nova	GMOS-S	1.7
GS-2007B-Q-38	Carrasco	GS	GMOS-S snapshots of compact groups at $z \sim 0.3$	GMOS-S	9
GS-2007B-Q-39	Clayton	US	What Fraction of Type II Supernovae Produce Dust and Why?	GMOS-S	13.4
GS-2007B-Q-40	Forte	AR	The halo-globular cluster connection in the elliptical galaxy NGC 1316	GMOS-S	10.4
GS-2007B-Q-41	Gilbert	US	Dust-Enshrouded Super Star Clusters in IC~4662	TReCS	44.5
GS-2007B-Q-42	Lipari	AR	Deep 3D Spectroscopy of Sub-mm and Radio Fe II-BAL QSOs (at high Z)	GMOS-S	3.6
GS-2007B-Q-43	Loubser	UK	Determining Star Formation Histories of cD Galaxies	GMOS-S	22.5
GS-2007B-Q-44	Madsen	AU	Examining the Star Formation Law in the Extended UV Disk of PGC9103	GMOS-S	11.67
GS-2007B-Q-45	McBride	UK	Calibrating spectral classification of main sequence stars in the Small Magellanic Cloud	GMOS-S	16.5
GS-2007B-Q-46	Norman	GS/UK/US	X-ray selected AGN in a Merging Cluster Environment	GMOS-S	17.2
GS-2007B-Q-47	Orton	US	Mapping of Thermal Anomalies in Neptune: Implications for Dynamical and Radiative Processes	TReCS	7.8
GS-2007B-Q-48	Prochaska	US	Age and Metallicity Relations of Stellar Populations in Disk Galaxies	GMOS-S	15
GS-2007B-Q-49	Song	GS	Terrestrial Planet Formation and Evolution around Sun-like Stars (T-ReCS part)	TReCS	7.6
GS-2007B-Q-50	Telesco	US	An Exosolar Planet Search	TReCS	10.4
GS-2007B-Q-51	Thanjavur	CA	High-z star formation under the microscope, Part II: GMOS-IFU spectroscopy of *confirmed* cluster lenses in CFHTLS-W	GMOS-S	4.4
GS-2007B-Q-52	Thanjavur	CA	High-z star formation under the microscope, Part I: GMOS-MOS spectroscopy of *candidate* cluster lenses in CFHTLS-W	GMOS-S	6.04
GS-2007B-Q-53	Unda-Sanzana	CL/GS	The ABCs of BCDs	GMOS-S	15
GS-2007B-Q-54	Volk	GS/US	Ground-based Follow-up of the Spitzer LMC survey (SAGE)	TReCS	12.5
GS-2007B-Q-55	Wehner	CA	Ultra-Compact Dwarfs in the Hydra Cluster?	GMOS-S	7
GS-2007B-Q-219	Burgasser	US	Optical Spectroscopy of a Newly Discovered L-type Halo Subdwarf	GMOS-S	3.8
GS-2007B-Q-220	Carvano	BR	Albedo determination of Xe asteroids in the vicinity of (64) Angelina	TReCS	2.5
GS-2007B-Q-221	Ferreiro	AR	Tidal dwarf galaxies candidates in a sample of minor merger of galaxies	GMOS-S	2
GS-2007B-Q-222	Furlan	US	Disentangling Transition Disks and Close Companions in the Mid-Infrared	TReCS	12.2

GS-2007B-Q-223	Goncalves	BR/UK	IC1613: the Local Group chemistry from PNe and HII regions of dwarf galaxies	GMOS-S	8.4
GS-2007B-Q-224	Islam	UK	Formation Pumping of Molecular Hydrogen in Dark Clouds	Phoenix	16
GS-2007B-Q-225	Kulkarni	US	Emission-line Metallicities and Star Formation Rates of Candidate Damped Lyman-alpha Galaxies	GMOS-S	9
GS-2007B-Q-226	Lambert	US	Dust formation in the hydrogen deficient stellar environment of the WC star WR19	Phoenix	6
GS-2007B-Q-227	Lee	GS	Present-Day Star Formation in Transition-Type Dwarf Galaxies in Group Environments	GMOS-S	9.8
GS-2007B-Q-228	Lin	US	GMOS Observations of a Bright Strong Lensing Arc System from the Blanco Cosmology Survey	GMOS-S	3.08
GS-2007B-Q-229	Orton	US	Investigation of the Physical and Chemical State of Jupiter During an Episode of Global Instability	TReCS	6
GS-2007B-Q-230	Prato	US	Orbits for young spectroscopic binaries in Ophiuchus	Phoenix	16
GS-2007B-Q-231	Roche	UK	A high spatial resolution study of the heavily obscured nuclei of NGC 1377 and NGC 4418	TReCS	2.5
GS-2007B-Q-232	Woodward	US	The Nucleus and Dust of Comet 8P/Tuttle at Perihelion	TReCS	5.87
GS-2007B-Q-233	Zuckerman	GS/US	THE FORMATION OF ORGANIC MOLECULES IN DISKS: A GIANT PERSPECTIVE	TReCS	4
GS-2007B-Q-237	Schuler		Fluorine in Carbon-Enhanced Metal-Poor Stars: A Key Tracer of Nucleosynthetic Processes in the Early Galaxy	Phoenix	20
GS-2007B-Q-238	Dupree		Role of Winds in the Angular Momentum Evolution of Young Stars (part 2)	Phoenix	10
GS-2007B-Q-239	Lebzelter		Nucleosynthesis and dredge up along the AGB	Phoenix	26

GN Scientific Ranking 2008A Band 1

Ref #	PI	Partner	Title	Instrument	Hours
GN-2008A-Q-1	Zijlstra	UK	High spectral resolution study of the SiC feature in AGB stars	Michelle	10
GN-2008A-Q-2	Warren	UK	Spectroscopy of candidate $z > 6$ quasars from the UKIDSS LAS DR3	GMOS / NIRI	9
GN-2008A-Q-3	van Kerkwijk	CA	Guitar fever and a pulsar's speed	GMOS	5
GN-2008A-Q-4	Trujillo	GS	Primordial Solar System Ices	NIRI	9.8
GN-2008A-Q-5	Tonry	UH	Characterization of Pan-STARRS Transients	GMOS	6
GN-2008A-Q-6	Tobin	US	Imaging the Inner Envelope Structure: The Scattered Light Window	Michelle	12.6
GN-2008A-Q-7	Bloom	CA/UK/US	Rapid Spectroscopy and Imaging Follow-up of Gamma-Ray Burst Afterglows (Gemini North)	GMOS / NIRI	32
GN-2008A-Q-8	Storchi-Bergmann	BR	Tracing gas flows down to a few parsecs from Active Galactic Nuclei	GMOS	2.3

GN-2008A-Q-9	Steinbring	CA	Using NIFS to Probe the Relationship Between Supermassive Black Holes and Spheroids in Radio Galaxies	NIFS+Altair / NIFS+AltairLGS	17.5
GN-2008A-Q-10	Soderberg	US	Revealing the Progenitors of Type Ibc Supernovae through Near-IR Spectroscopy	NIRI	6.7
GN-2008A-Q-11	Rutledge	CA	The Full Picture of Magnetic Activity in Ultracool Dwarfs: Simultaneous Observations of Coronae and Chromospheres	GMOS / GMOS-S	16.7
GN-2008A-Q-12	Richstone	US	The Massive Black Hole in M87	NIFS+AltairLGS	10
GN-2008A-Q-13	Reipurth	UH	DISKS AROUND YOUNG BINARIES IN THE ORION NEBULA CLUSTER	NIFS+Altair / NIRI+Altair	10
GN-2008A-Q-14	Prieto	US	Accurate Parameters of a Massive Yellow Supergiant Eclipsing Binary in the Dwarf Galaxy Holmberg IX	GMOS	11
GN-2008A-Q-15	Pinfield	GS/UK	Confirming the first Y dwarfs from UKIDSS	NIRI	33.3
GN-2008A-Q-16	Ota	JP	Spectroscopy of A Candidate Protocluster of Galaxies at $z = 6$	GMOS	0.5
GN-2008A-Q-17	Modjaz	US	Revealing the Heart of the Explosion: Nebular-Phase Spectroscopy of Type I Supernovae	GMOS	9.7
GN-2008A-Q-18	McCarthy	AU/CA	Project DYNAMO: Dynamics of Newly Assembled Massive Objects	NIFS+AltairLGS	20
GN-2008A-Q-19	Matheson	US	Constraining the Hubble Constant with a Type II Supernova	GMOS	12
GN-2008A-Q-20	Lafreniere	GS	Spectroscopic characterization of new wide binary systems harboring a cool dwarf	GMOS	6.2
GN-2008A-Q-21	Lacy	AU/US	Redshifts for Spitzer-detected galaxies at $z \sim 6$ - old stars in the first Gyr	GMOS	17.3
GN-2008A-Q-22	Davies	UH	Photometry of massive star clusters: probing the high-end of the Galactic IMF.	NIRI	7
GN-2008A-Q-23	Kepler	BR	The Most Massive White Dwarf Stars	GMOS	4.3
GN-2008A-Q-24	Hook	CA/UK/US	The Nature of Dark Energy from Type Ia Supernovae	GMOS	45
GN-2008A-Q-25	Hennawi	US	GMOS Spectroscopy of Giant Arcs Behind the Strongest Lenses in the Universe	GMOS	33
GN-2008A-Q-26	Gal-Yam	US	Identifying progenitors of core-collapse supernovae	NIRI / NIRI+Altair / NIRI+AltairLGS	1
GN-2008A-Q-27	Fu	UH	Identifying the Culprit for Quasar Superwinds	GMOS	14
GN-2008A-Q-28	Crockett	UK	Imaging the progenitors of core collapse supernovae - precision astrometry with ALTAIR	NIRI+Altair / NIRI+AltairLGS	10
GN-2008A-Q-29	Brown	US	The formation and evolution of a collisional system in the Kuiper belt	NIRI+AltairLGS	5.3
GN-2008A-Q-30	Bersier	UK	The Supernovae of Gamma-Ray Bursts: Exploring the diversity of stellar explosions	GMOS	6

GN Scientific Ranking 2008A Band 2

Ref #	PI	Partner	Title	Instrument	Hours
GN-2008A-Q-31	Werk	US	Gas Metallicity in the Far Outskirts of Galaxies	GMOS	20
GN-2008A-Q-32	Torres	UK	The primary role of the SW Sextantis stars in the evolution of cataclysmic variables	GMOS	6

GN-2008A-Q-33	Tecza	UK	Measuring the masses of the obscured binary black holes in NGC 6240	NIFS+AltairLGS	3.5
GN-2008A-Q-34	Stockton	UH	Spectral-Energy Distributions of High-Redshift Galaxies	NIRI	13
GN-2008A-Q-35	Smith	UK	Spatially resolved spectroscopy of dwarf elliptical galaxies in Coma	GMOS	7.8
GN-2008A-Q-36	Sharp	AU	AGN black hole masses and the cause of accretion	GMOS	6.2
GN-2008A-Q-37	Schimino vich	AU	Probing the Small-scale Kinematic Structure of Local Lyman Break Galaxy Analogs	NIFS+AltairLGS	9.7
GN-2008A-Q-38	Ryder	AU	Altair Study of Supernovae in Luminous Infrared Galaxies	NIRI+AltairLGS	11
GN-2008A-Q-39	Roe	US	Titan's methane clouds: Seasonal change and surface geology	NIFS+Altair / NIRI+Altair	10
GN-2008A-Q-40	Papovich	US	Survey of Pa α in High Redshift Galaxies	NIRI	26
GN-2008A-Q-41	Onken	CA/US	Stellar Dynamics Inside the Black Hole Sphere of Influence: The Reverberation-Mapped Seyfert Galaxy, NGC 4151	NIFS / NIFS+Altair / NIFS+AltairLGS	23
GN-2008A-Q-42	McCall	CA	A Unified Approach to the Chemistry of Bulges and Disks	GMOS	21.1
GN-2008A-Q-43	Mason	GS	The mid-IR emission of low-luminosity AGN, and the origin of the torus	Michelle	10
GN-2008A-Q-44	Lumsden	UK	High spatial resolution spectral imaging of the massive young stellar object W33A	NIFS+AltairLGS	1.5
GN-2008A-Q-45	Lafreniere	CA	A high-resolution multiplicity census of the Upper Scorpius star-forming region	NIRI+Altair / NIRI+AltairLGS	20
GN-2008A-Q-46	Jedicke	UH	Imaging and spectroscopy of new solar system objects discovered by Pan-STARRS	GMOS / NIRI	4
GN-2008A-Q-47	Iverson	UK	Star formation at $z > 1$ from uJy sources in the deepest radio field	GMOS	24
GN-2008A-Q-48	Helton	US	The Evolving Classical Nova Eruption - Michelle Monitoring of Classical Novae	Michelle	12
GN-2008A-Q-49	Gladstone	UK	A spectroscopic study of the optical counterparts to ultraluminous X-ray sources.	GMOS	3.2
GN-2008A-Q-50	Geballe	GS	H and K band spectroscopy of GC/IRS8	NIFS+AltairLGS	6
GN-2008A-Q-51	Doyon	GS	Spectroscopic follow-up of high proper motion brown dwarf candidates	NIRI	34
GN-2008A-Q-52	De Propriis	US	The masses of "Butcher-Oemler" Galaxies: dwarfs or giants ?	GMOS	30
GN-2008A-Q-53	Conselice	GS/UK	The structures of very massive galaxies at $z \sim 1.5$: breaking the formation models degeneracy	NIRI+AltairLGS	5.6
GN-2008A-Q-54	Chun	UH	3-D Imaging of Quasar Absorber Galaxies	NIFS+AltairLGS	6
GN-2008A-Q-55	Chandar	US	Lamp Posts in the Dark: Globular Clusters as Tracers of the Halo in M101	GMOS	30
GN-2008A-Q-56	Chambers	UH	Quasar Candidates from PS1 at redshifts $z \sim 7$	GMOS	4.5
GN-2008A-Q-57	Artigau	GS	A deeper look at two brown dwarf binaries	NIRI / NIRI+AltairLGS	5
GN-2008A-Q-58	Alexander	UK	Accretion-related Outflows in Massive Submillimetre-emitting Galaxies at $z \sim 2$	NIFS	24

GN Scientific Ranking 2008A Band 3

Ref #	PI	Partner	Title	Instrument	Hours
GN-2008A-Q-59	Werk	US	Gas Metallicity in the Far Outskirts of Galaxies	GMOS	7
GN-2008A-Q-60	Wahhaj	UH	Probing Terrestrial Planet Formation Around Nearby M Dwarfs	Michelle	9
GN-2008A-Q-61	Volk	GS	Determining the Physical Properties of Hot Dust in Post-AGB Stars (mid-IR part)	Michelle	2
GN-2008A-Q-62	Volk	GS	Determining the Physical Properties of Hot Dust in Post-AGB Stars	NIRI	7.3
GN-2008A-Q-63	Verma	UK	Feedback processes in massive galaxy formation	GMOS	25
GN-2008A-Q-64	Tonry	UH	Characterization of Pan-STARRS Transients	GMOS	11
GN-2008A-Q-65	Stockton	UH	Spectral-Energy Distributions of High-Redshift Galaxies	NIRI	5
GN-2008A-Q-66	Steele	UK	A sooty disk around a hot, helium atmosphere (DO) white dwarf?	NIRI	1.7
GN-2008A-Q-67	Song	US	Terrestrial Planet Formation and Evolution around Sun-like Stars (Michelle part)	Michelle	8
GN-2008A-Q-68	Sansom	UK	Stellar Population Ages in Nearby Spiral Bulges - Probing the Controversy.	GMOS	22.5
GN-2008A-Q-69	Sand	US	Optical Spectroscopy of Hostless and Hosted Cluster Supernovae Candidates	GMOS	4
GN-2008A-Q-70	Romanishin	US	Methane and Nitrogen Stratigraphy on Surface of KBO (136472) 2005 FY9	NIFS	3
GN-2008A-Q-71	Perrin	CA/US	Resolved Imaging of Two New Protoplanetary Disks around Young Fe stars	Michelle / NIRI+Altair	7
GN-2008A-Q-72	Perlman	GS/US	High Resolution Mid-IR Imaging of Radio Galaxies	Michelle	10.5
GN-2008A-Q-73	Peng	GS/UH	The Dark Matter Content of Early-Type Galaxies in the ACS Virgo Cluster Survey	GMOS	7
GN-2008A-Q-74	Patience	AU/CA/U K/US	Resolving the A Star Binary Population with Gemini AO	NIRI+Altair	28
GN-2008A-Q-75	Nestor	CA/UK/U S	The Nature of Ultra-strong MgII Absorber Galaxies	GMOS	23
GN-2008A-Q-76	Martins	BR	Looking for starbursts signatures in Type II QSOs	NIRI	4.2
GN-2008A-Q-77	Marois	CA/UK/U S	Direct Exoplanet/Disk Search Around Young & Nearby Early-Type Stars; The International Deep Planet Survey (IDPS)	NIRI+Altair	32
GN-2008A-Q-78	Leggett	GS	New Old White Dwarfs and the Age of the Galaxy	NIRI	13.1
GN-2008A-Q-79	Lee	GS/US	Present-Day Metallicities for Constructing Histories of Star Formation in Nearby Dwarf Galaxies	GMOS	25
GN-2008A-Q-80	Lafreniere	CA	Spectroscopic characterization of new wide binary systems harboring a cool dwarf	GMOS	5.5
GN-2008A-Q-81	Jedicke	UH	Imaging and spectroscopy of new solar system objects discovered by Pan-STARRS	GMOS / NIRI	8
GN-2008A-Q-82	Hartung	GS	Search for Carbon dioxide on Ganymede	NIFS+Altair	6
GN-2008A-Q-83	Hall	CA	Identification Spectroscopy of $z>5.5$ Quasar Candidates	GMOS	2.2
GN-2008A-Q-84	Goad	UK	Testing for radiative acceleration in BAL QSO outflows: The ghost of Lyman alpha	GMOS	7
GN-2008A-Q-85	Gies	US	Binaries among the Most Massive Stars	NIRI+Altair	25

GN-2008A-Q-86	Gaensicke	UK	Preparing for large time-domain surveys: unravelling the nature of faint blue transients in SDSS	GMOS	4.3
GN-2008A-Q-87	Fu	UH	Identifying the Culprit for Quasar Superwinds	GMOS	3.5
GN-2008A-Q-88	Ford	US	Spectroscopy of an Exceptionally Bright Candidate Galaxy at $z \sim 6$ in Abell 1703	GMOS	10
GN-2008A-Q-89	Foley	US	Optical Identification of Radio Transients Discovered by the Allen Telescope Array	GMOS / NIRI	22
GN-2008A-Q-90	Fitzgerald	US	Beyond SEDs --- Measuring the Size and Morphology of Mid-IR Emission in Nearby Debris Disks	Michelle	6
GN-2008A-Q-91	Fesen	US	The Mystery of the Double-Peaked Emission Lines in Late-time Spectra of Core-Collapse SNe	GMOS	6
GN-2008A-Q-92	Drinkwater	AU/UK	Stellar populations of compact objects in Virgo: a new luminous tracer of galaxy and cluster formation	GMOS	19.9
GN-2008A-Q-93	Duchene	US	Water ice self-absorption in three Ophiuchus edge-on disks	NIRI	4.3
GN-2008A-Q-94	Dall	US	VSOP: Fixing the variable sky with one-shot typing of neglected variables	GMOS	40
GN-2008A-Q-95	Croll	CA/US	Imaging Long-Period RV Companions to Exoplanet Host Stars	NIRI+Altair	15.5
GN-2008A-Q-96	Cook	US	Measuring N ₂ Ice on Charon	NIRI+Altair	2.7
GN-2008A-Q-97	Chiu	AU	Post-Starburst E+A Galaxies and the AGN Link to Regulation of Star Formation	GMOS	5.2
GN-2008A-Q-98	Chambers	UH	Quasar Candidates from PS1 at redshifts $z \sim 7$	GMOS	13.5
GN-2008A-Q-99	Brodwin	US	Galaxy Cluster Velocity Dispersions for a Complete Sample of Massive Clusters at $0 < z < 1.5$	GMOS	20
GN-2008A-Q-100	Bridges	AU/CA/UK/US	Globular Clusters as Probes of Galaxy Formation: NGC 4649	GMOS	22.8
GN-2008A-Q-101	Bridge	US	Determining Escape Fractions in Lyman Break Galaxy Analogs at Intermediate Redshifts	GMOS	26
GN-2008A-Q-102	Blundell	UK	How much energy is input into the IGM by AGN?	GMOS / NIRI	9
GN-2008A-Q-103	Bildfell	CA	BCG Dynamics and Cluster Centers: Understanding a Symbiotic Relationship	GMOS	7.3
GN-2008A-Q-104	Auger	US	Mass in the Centers of Galaxies	GMOS	7.4
GN-2008A-Q-105	Aragon-Salamanca	UK	The formation of Lenticular galaxies: high S/N spectroscopy of Virgo S0s	GMOS	23
GN-2008A-Q-106	Albert	CA	Spectroscopic Investigation of Exceptionally Cool Brown Dwarf Candidates from the CFHT Legacy Survey	NIRI	9
GN-2008A-Q-107	Agueros	US	Deep Imaging Of A Candidate Isolated Neutron Star	GMOS	1

GS Scientific Ranking 2008A Band 1

Ref #	PI	Partner	Title	Instrument	Hours
S-2008A-Q-1	Volk	GS	Determining the Physical Properties of Hot Dust in Post-AGB Stars (mid-IR part)	TReCS	4

GS-2008A-Q-2	Vogt	CL	Direct detection of the tentative accretion disks around two young sub-stellar companions	TReCS	12.5
GS-2008A-Q-3	Spolaor	AU	Testing the faint-end of the metallicity gradients vs. galaxy mass correlation	GMOS-S	25
GS-2008A-Q-4	Smith	US	IR Variability of Eta Carinae	Phoenix / TReCS	11
GS-2008A-Q-5	Smith	UK	LoCuSS: Calibrating the Strong-lensing Signal in Galaxy Cluster Cores at $z=0.2$	GMOS-S	42
GS-2008A-Q-6	Sewilo	US	Revealing the Nature of a Hypercompact HII Region G28.20-0.04 N	TReCS	0.8
GS-2008A-Q-7	Prato	GS	Orbits for young spectroscopic binaries in Ophiuchus	Phoenix	16
GS-2008A-Q-8	Peng	CA/GS/UK/US	The Dark Matter Content of Early-Type Galaxies in the ACS Virgo Cluster Survey	GMOS-S	34.6
GS-2008A-Q-9	Mueller	US	A Midsummer Night's Dream: Thermal Inertia of Oberon and Titania from Q-Band Observations of Eclipses	TReCS	20
GS-2008A-Q-10	Lopez	CL	PROBING CLUSTER GALAXIES WITH BACKGROUND QSOs	GMOS-S	35
GS-2008A-Q-11	Lambert	US	Do R Coronae Borealis stars evolve from white dwarf mergers?	Phoenix	13
GS-2008A-Q-12	Lafreniere	CA	Spectroscopic characterization of new wide binary systems harboring a cool dwarf	GMOS-S	7.4
GS-2008A-Q-13	Lacy	AU/UK/US	Redshifts for Spitzer-detected galaxies at $z\sim 6$: old stars in the first Gyr	GMOS-S	5.1
GS-2008A-Q-14	Indriolo	US	Metastable Helium as a Probe of the Cosmic-Ray Ionization Rate	Phoenix	2.5
GS-2008A-Q-15	Hynes	US	The Mass of the Neutron Star in UY Vol = EXO 0748--676	GMOS-S	13.5
GS-2008A-Q-16	Hall	CA	Identification Spectroscopy of $z>5.5$ Quasar Candidates	GMOS-S	3.2
GS-2008A-Q-17	Geballe	GS	Do Hydrogen-deficient Carbon Stars Have Winds?	Phoenix	3
GS-2008A-Q-18	Eisner	US	Resolving Large Inner Disk Clearings with TReCS	TReCS	25
GS-2008A-Q-19	Chiu	AU	Seeking the First $z>6.4$ Quasar from the UKIDSS	GMOS-S	2.2
GS-2008A-Q-20	Berger/Bloom	AU/CA/CL/GS/UK/US	Gamma-Ray Bursts: From Progenitors to Probes	GMOS-S	24
GS-2008A-Q-21	Bildfell	CA	BCG Dynamics and Cluster Centers: Understanding a Symbiotic Relationship	GMOS-S	12.1
GS-2008A-Q-22	Bersier	UK	The Supernovae of Gamma-Ray Bursts: Exploring the diversity of stellar explosions	GMOS-S	6
GS-2008A-Q-23	Barbuy	BR	Oxygen abundance in the metal-poor bulge globular cluster AI3: ancient fossil record of the Galaxy	Phoenix	3.6
GS-2008A-Q-24	Andrews	US	Dust Formation in the Bright Type II SN 2007it	GMOS-S / TReCS	11
GS-2008A-Q-79	Rutledge	CA	The Full Picture of Magnetic Activity in Ultracool Dwarfs: Simultaneous Observations of Coronae and Chromospheres	GMOS / GMOS-S	16.7

GS Scientific Ranking 2008A Band 2

Ref #	PI	Partner	Title	Instrument	Hours
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GS-2008A-Q-25	Westmoquette	UK	The roots of the starburst-driven outflow in the dwarf galaxy NGC5253	GMOS-S	10.7
GS-2008A-Q-26	Wesson	UK	Chemical stratification in the hydrogen-deficient planetary nebula Abell 30	GMOS-S	6
GS-2008A-Q-27	Verma	UK	Feedback processes in massive galaxy formation	GMOS-S	5
GS-2008A-Q-28	Thomas	UK	Probing AGN feedback in early-type galaxies	GMOS-S	28
GS-2008A-Q-29	Song	US	Terrestrial Planet Formation and Evolution around Sun-like Stars (Michelle part)	GMOS-S / TReCS	7
GS-2008A-Q-30	Smith	US	Dust in the SN1987A-analog SBW1 in Carina	TReCS	6
GS-2008A-Q-31	Schreiber	CL/UK	Identification of a large sample of post common envelope binaries	GMOS-S	25
GS-2008A-Q-32	Plana	BR	Internal Dynamics of HII Galaxies	GMOS-S	3.6
GS-2008A-Q-33	Peng	CA/US	Environment and the Formation of Dwarf Elliptical Galaxies: A Unified Study of Field Stars, Stellar Nuclei and Globular Clusters	GMOS-S	23.4
GS-2008A-Q-34	Moffat	CA	Dust-Making Wolf-Rayet Stars in the Mid-IR: Toward Understanding the Origins of Interstellar Dust	TReCS	6.3
GS-2008A-Q-35	Mendes de Oliveira	BR	Stars outside galaxies: a census of intergalactic HII regions in the tidal debris of mergers.	GMOS-S	3.2
GS-2008A-Q-36	Lira	CL	Star Formation and Feedback in Massive Galaxies at $z=3.5$	GMOS-S	15
GS-2008A-Q-37	Laycock	GS	Spectroscopic Identification of X-ray selected stars in low-extinction Windows toward the Bulge.	GMOS-S	64
GS-2008A-Q-38	Kurtev	CL	Constraining the mass and temperature of Oph162225-240515 - the first binary consisting of two free floating planetary mass bodies	Phoenix	17
GS-2008A-Q-39	Johns-Krull	US	A Young Exoplanet: Candidate to Detection	Phoenix	12
GS-2008A-Q-40	Fitzgerald	US	Beyond SEDs --- Measuring the Size and Morphology of Mid-IR Emission in Nearby Debris Disks	TReCS	14
GS-2008A-Q-41	Finn	US	GMOS Spectroscopy of Cluster Galaxies 24 μm Sources	GMOS-S	20.9
GS-2008A-Q-42	Davidson	US	Eta Carinae's Continuing Instability and Recovery - - The 2009 ``Event''	GMOS-S	5
GS-2008A-Q-43	Cunha	US	Chemical Enrichment History of the Galaxy: Probing Abundance Gradients in the Inner Bulge	Phoenix	30
GS-2008A-Q-44	Cote	CA	Looking Into the Metamorphosis of Transition Dwarf Galaxies	GMOS-S	20
GS-2008A-Q-45	Close	US	Does the Young Planetary Mass Prototype Object 2M1207b Have an Edge-On Disk?	TReCS	25
GS-2008A-Q-46	Blanc	CL/US	Integral Field Spectroscopy of Lyman Alpha Blobs in the Extended-CDFS	GMOS-S	12
GS-2008A-Q-201	Telesco	US	Mid-IR Imaging of an ExoPlanet	TReCS	23
GS-2008A-Q-301	Miller		QPT demo program	GMOS-S	0

GS Scientific Ranking 2008A Band 3

Ref #	PI	Partner	Title	Instrument	Hours
GS-2008A-Q-47	Woodward	UK	Metallicity of the Secondary in the RS Ophiuchi System	Phoenix	6.5

GS-2008A-Q-48	Wang	CA	An Accurate Determination of the Optical Period in the Low Mass X-Ray Binary SAX J1808.4-3658	GMOS-S	8.8
GS-2008A-Q-49	Vaduvescu	CL	The ABCs of BCDs: Hydra Cluster	GMOS-S	20
GS-2008A-Q-50	Sun	US	Intracluster HII Regions and Star Formation	GMOS-S	2.5
GS-2008A-Q-51	Steiner	BR	Search for very weak LINER 1 galactic nuclei	GMOS-S	3.5
GS-2008A-Q-52	Sharples	UK	The Formation of S0 Galaxies	GMOS-S	31.8
GS-2008A-Q-53	Sansom	UK	Stellar Population Ages in Nearby Spiral Bulges - Probing the Controversy.	GMOS-S	22.5
GS-2008A-Q-54	Rutledge	CA	Identification of the Nearest and Brightest Neutron Stars	GMOS-S	7.5
GS-2008A-Q-55	Roche	UK	A high spatial resolution study of the nearby, heavily obscured nuclei	TReCS	25.7
GS-2008A-Q-56	Richtler	CL	The faint galaxy content of the Antlia cluster: BCD galaxies.	GMOS-S	7.9
GS-2008A-Q-57	Rajagopal	US	NaSt1: Probing a massive star, caught in rare transition, in the mid infrared	TReCS	4.5
GS-2008A-Q-58	Perlman	US	High Resolution Mid-IR Imaging of Radio Galaxies	TReCS	6
GS-2008A-Q-59	Miller	CA/GS/ US	Ages and Metallicities of the Nuclei of Dwarf Elliptical Galaxies	GMOS-S	16.3
GS-2008A-Q-60	Mendes de Oliveira	US	Stars outside galaxies: a census of intergalactic HII regions in the tidal debris of mergers.	GMOS-S	3.2
GS-2008A-Q-61	Mahdavi	CA	Dynamics of the Extreme Merger Abell 520	GMOS-S	9.3
GS-2008A-Q-62	Lu	CA/UK	Watching the assembly of the most massive cluster in the Universe---RXJ1347-1145	GMOS-S	32.7
GS-2008A-Q-63	Lira	CL	Star Formation and Feedback in Massive Galaxies at $z=3.5$	GMOS-S	25
GS-2008A-Q-64	Lee	GS	The Nature of Intracluster H II Regions Near a Gas-Poor Dwarf Irregular Galaxy in the Virgo Cluster	GMOS-S	5.2
GS-2008A-Q-65	Lebzelter	US	Nucleosynthesis and dredge-up along the AGB	Phoenix	30
GS-2008A-Q-66	Kwok	CA	Mapping the N-band UIR features in NGC 6644	TReCS	3
GS-2008A-Q-67	Kennefick	US	Spectroscopy of Faint $z > 4.8$ Quasar Candidates from the BTC40 Survey	GMOS-S	3
GS-2008A-Q-68	Hrivnak	US	Spatially-Resolved Spectroscopy of the 21 Micron Emission Feature in Proto-Planetary Nebulae	TReCS	3.5
GS-2008A-Q-69	Hrivnak	US	The Shaping of Planetary Nebulae: H ₂ Kinematic Study of 4 Spatially-Resolved Proto-PN	Phoenix	6
GS-2008A-Q-70	Harris	CA	Ultra-Compact Dwarfs in the Hydra Cluster?	GMOS-S	8
GS-2008A-Q-71	GALLARDO	CL	Estimating mass accretion rates on intermediate- and low-mass pre-main sequence stars in the young open cluster NGC 6530	GMOS-S	4
GS-2008A-Q-72	Davidge	CA	Probing the Intermediate Age Population in the Outer Disks of NGC 5102 and NGC 5253	GMOS-S	7.5
GS-2008A-Q-73	Dall	US	VSOP: Fixing the variable sky with one-shot typing of neglected variables	GMOS-S	90
GS-2008A-Q-74	Cunha	US	Characterizing Abundances Patterns in Low Metallicity Red-Giants of the Sagittarius Dwarf Galaxy	Phoenix	16
GS-2008A-Q-75	Cook	US	Searching for Gaseous CO in Pluto's Atmosphere	Phoenix	20
GS-2008A-Q-76	casassus	CL	Crystalline silicate grains in NGC6302 - disk or extended emission?	TReCS	12.5
GS-2008A-Q-77	Carvano	BR	Albedo determination for (298) Baptistina	TReCS	0.8

