

Normal Proposals							
Proposal ID	Title	PI	Country	Category	Approved Target	Approved Time [ksec]	Grade
520001	Regular and frequent INTEGRAL monitoring of the Galactic Bulge region	Kuulkers	Spain	Compact Objects	Gal. Bulge region	567	A
520018	Monitoring the ~900 square degrees centred on GRS 1915+105 at hard X-rays	Rodriguez	France	Compact Objects	GRS 1915+105	400	A
520026	Determining the Galactic distribution of positron annihilation radiation by mid-latitude observations	Weidenspointner	France	Nucleosynthesis	2 fields at l=+-20, b=-20	2000	A
520028	Fundamental physics in Hercules X-1: sub-Eddington accretion and neutron star free precession	Staubert	Germany	Compact Objects	Her X-1	460	A
520032	A long look at X Per (4U 0352+309)	Kreykenbohm	Germany	Compact Objects	X Per	600	A
520037	Spectral variability of NGC 4151	Walter	Switzerland	Extragalactic Objects	NGC 4151	400	A
520047	The First INTEGRAL Image of M31	Kong	USA	Extragalactic Objects	M31	400	A
520048	A Complete AGN Census at High Energies with INTEGRAL	Virani	USA	Extragalactic Objects	XMM-LSS	1000	A
520056	Testing the external-radiation-Compton model for blazars.	Moderski	Poland	Extragalactic Objects	PKS 1510-089	600	A
520064	X-ray and gamma-ray counterpart of the observed spallation activity in the Per OB2 Cloud.	Terrier	France	Nucleosynthesis	Perseus OB2 Cloud	1500	A
520071	Dissecting the Milky Way II: Stellar Ridge, Cosmic Rays, Annihilation Radiation, Nucleosynthesis	Sunyaev	Russian Federation	Other	Galactic disk	2000	A
520073	Variability Studies on Bright Blazar 3C273 in the hard-X and Gamma-Ray wavelengths	Pacciani	Italy	Extragalactic Objects	3C 273	600	A
520008	Gamm-Ray Line Emission from the Superbubble	Iyudin	Russian Federation	Nucleosynthesis	Loop I-Loop IV Super	2000	B
520010	Comptonisation processes in Seyfert galaxies	Soldi	Switzerland	Extragalactic Objects	MCG +8-11-11	400	B
520016	Resolve the QSO 0208-512 region at hard X-rays by INTEGRAL	Zhang	China	Extragalactic Objects	QSO 0208-512 region	400	B
520024	Monitoring 4U 1907+09 with INTEGRAL	Pottschmidt	USA	Compact Objects	4U 1907+09	360	B
520029	Revealing the structure of hard X-ray corona in SS433 by INTEGRAL	Cherepashchuk	Russian Federation	Compact Objects	SS433	932	B
520041	INTEGRAL monitoring BLRGs: Uncovering the Jet within	Sambruna	USA	Extragalactic Objects	3C111	500	B
520043	Return to the Clocked Burster GS 1826-238	Thompson	USA	Compact Objects	Ginga 1826-24	100	B
520061	Detecting TeV From Obscured HMXB	Walter	Switzerland	Compact Objects	IGR J16320-4751	216	B
520067	A possible 44Ti excess in the Perseus OB 2 association?	von Kienlin	Germany	Nucleosynthesis	Perseus OB2	1500	B
520079	An unbiased deep census of the extragalactic 20-100 keV sky	McHardy	United Kingdom	Extragalactic Objects	3C 273 region	200	C



Target of Opportunity & GRB proposals

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520002	Comparing Outbursts in 3A 0535+262	Kretschmar	Spain	Compact Objects	3A 0535+262	200	A (TOO)
520003	TeV Blazars	Persic	Italy	Extragalactic Objects	1 TeV Blazar	600	A (TOO)
520005	Target of Opportunity Observations of Active Soft Gamma Repeaters	Hurley	USA	Compact Objects	1 known or new SGR	240	A (TOO)
520006	Type Ia supernovae	Isern	Spain	Nucleosynthesis	Bright SNIa	3000	A (TOO)
520007	Black Hole X-Ray Novae Evolutions at High Energies	Cadolle Bel	Spain	Compact Objects	1 new BHT	400	A (TOO)
520009	Monitoring the evolution of a new Galactic Black Hole like transient source in outburst	Rodriguez	France	Compact Objects	1 new BHT	600	A (TOO)
520012	ToO observations of the Bursting Pulsar during outburst with INTEGRAL	Masetti	Italy	Compact Objects	GRO J1744-28	280	A (TOO)
520017	Studying known soft X-ray transients during the rising phase of the outbursts (AO5 proposal)	Castro-Tirado	Spain	Compact Objects	X-ray Nova	100	A (TOO)
520021	Target of Opportunity Observation(s) of Known and Unknown X-ray Pulsating Transients in Outburst	Santangelo	Germany	Compact Objects	New or known transient X-ray pulsar	600	A (TOO)
520022	ToO observation of Anomalous X-ray Pulsar 4U 0142+61, 1RXS J1708-40 or 1E 1841-045...	den Hartog	Netherlands	Compact Objects	4U0142+61, 1RXS J1708-40, or 1E 1841-045	400	A (TOO)
520023	ToO observation of a non-INTEGRAL-detected Anomalous X-ray Pulsar in outburst	den Hartog	Netherlands	Compact Objects	1 new AXP	400	A (TOO)
520025	Unveiling the High Energy Face of Soft Gamma-Repeaters	Feroci	Italy	Compact Objects	1 SGR	200	A (TOO)
520031	INTEGRAL follow-up observations of AGILE-triggered gamma-ray flaring blazars...	Vercellone	Italy	Extragalactic Objects	2 Blazars	600	A (TOO)
520035	INTEGRAL observations of Blazars in outburst	Pian	Italy	Extragalactic Objects	1 Blazar	600	A (TOO)
520039	TOO Observation of the high-energy spectrum of a black-hole transient in the Soft and Hard Intermediate states	Belloni	Italy	Compact Objects	New or known BHT	200	A (TOO)
520044	A Multi-Wavelength Study of Black Hole States with INTEGRAL	Miller	USA	Compact Objects	Known BHT	650	A (TOO)
520051	Observations of Mrk 421 in its active state with INTEGRAL	von Kienlin	Germany	Extragalactic Objects	Mrk 421	1000	A (TOO)
520054	INTEGRAL observations of nearby Supernovae	Leising	USA	Nucleosynthesis	Nearby SN	3000	A (TOO)
520057	Measuring the High Energy Emission of Millisecond X-Ray Pulsars in Outburst	Falanga	France	Compact Objects	1 ms pulsar	210	A (TOO)
520060	INTEGRAL TOO observations of a Seyfert 2 galaxy during a period of high flux	Williams	Spain	Extragalactic Objects	1 Seyfert2	400	A (TOO)
520068	Monitoring the next outburst of 4U0115+63 with INTEGRAL	Wilms	Germany	Compact Objects	4U0115+63	500	A (TOO)
520077	INTEGRAL observations of classical novae	Hernanz	Spain	Nucleosynthesis	Classical nova	4500	A (TOO)
520033	INTEGRAL ToO observations of AGILE-triggered variable unidentified Galactic plane gamma-ray sources	Chen	Italy	Other	1 AGILE detected source	300	B (TOO)
520050	Observation of an X-ray burster with weak persistent emission in a bursting state	Molkov	Russian Federation	Compact Objects	1 X-ray burster	400	B (TOO)
520052	Multiwavelength Study of New Transient X-/Gamma-ray sources.	Lutovinov	Russian Federation	Compact Objects	1 new source	400	B (TOO)
520069	Study of known and new bright transient X-ray pulsars: cyclotron line energy and pulse profile	Tsygankov	Russian Federation	Compact Objects	1 transient X-ray Pulsar	200	B (TOO)
520004	Maintaining INTEGRAL in the 3rd Interplanetary Network of Gamma Ray Burst Detectors	Hurley	USA	Other	Gamma-ray burst		GRB
520013	Using Gamma-Ray Bursts to Test Lorentz Invariance and Quantum Gravity	Wunderer	USA	Other	Gamma-ray burst		GRB
520055	GRBs outside of the INTEGRAL coded field of view	Denis	Poland	Other	Gamma-ray burst		GRB
520065	Broad-band spectroscopy of GRB prompt and early afterglow emission	Sazonov	Russian Federation	Other	Gamma-ray burst		GRB
520078	Spectral, temporal and polarisation behaviour of GRBs observed by INTEGRAL	Hanlon	Ireland	Other	Gamma-ray burst		GRB

Note: For several TOO proposals, the approved time is an upper limit depending on the results of the observations.



**Proposals associated with the Integral Key Programme on the Galactic Center Region:
05K0008, Bélanger: Deep INTEGRAL Observations of the Central Molecular Zone**

Proposal ID	Title	PI	Country	Category
530002	Hard X-ray Variability of AGN	Beckmann	Switzerland	Extragalactic Objects
530003	Hard X-ray emission from persistent neutron star LMXBs	Paizis	Italy	Compact Objects
530004	Supergiant Fast X-ray Transients observed during the KP of the Galactic Center region	Sidoli	Italy	Compact Objects
530006	INTEGRAL observations of plerions in the Galactic Center region	Sidoli	Italy	Others
530008	Continuation of Search for Unpredicted Gamma-Ray Lines with SPI	Watanabe	USA	Others
530010	Hard X-ray Observations of X-ray bursters in the Galactic Center Region	Sanchez-Fernandez	Spain	Compact Objects
530011	Search for neutron-capture gamma-ray line from Galactic Center LMXBs	Boggs	USA	Compact Objects
530013	Study of X-ray characteristics for a Ultra Compact X-Ray Binaries candidates sample	Fiocchi	Italy	Compact Objects
530014	Monitoring of a Low Mass X-ray Binaries sample emitting at very high energy	Fiocchi	Italy	Compact Objects
530015	Known Black Hole X-Ray Novae Observed at High Energies during the Galactic Center Key Programme	Cadolle Bel	Spain	Compact Objects
530016	Hard Power-Law Tails in Atoll Sources 4U 1820-30 and 4U 1728-34.	Shaposhnikov	USA	Compact Objects
530017	Unraveling the pulsed and unpulsed components of PSR J1811-1925 in the soft gamma-ray band	Kuiper	Netherlands	Compact Objects
530018	Key programme proposal: positron annihilation radiation from the...	Weidenspointner	France	Nucleosynthesis
530019	Monitoring the hard tails of Anomalous X-ray Pulsars during the INTEGRAL KP observations of the Galactic Centre	Gotz	France	Compact Objects
530020	Broad band study of the Globular Clusters X-ray burster: search for spectral evolution	Tarana	Italy	Compact Objects
530021	Monitoring of the spectral evolution of the black hole candidate 1E 1740.7-2942	Bazzano	Italy	Compact Objects
530022	INTEGRAL Monitoring of Blazars in the Galactic Centre Region	Foschini	Italy	Extragalactic Objects
530023	Simultaneous INTEGRAL and AGILE look to blazar PKS 1830-211: searching evidence of correlated variability	Donnarumma	Italy	Extragalactic Objects
530027	INTEGRAL observation of a new class of cosmic high energy accelerators	De Rosa	Italy	Others
530030	Monitoring the peculiar persistent LMXB GRS 1758-258	Pottschmidt	USA	Compact Objects
530031	Jets and Disks in X-ray Binaries	Tomsick	USA	Compact Objects
530032	Revealing the Nature of a Newly Discovered Swift/BAT Survey Source	Tueller	USA	Compact Objects
530033	Measuring the High Energy Emission of Millisecond X-Ray Pulsars in Outburst during the Galactic Centre Key Programm	Falanga	France	Compact Objects
530035	G1.9+0.3: The youngest known Galactic supernova remnant?	Terrier	France	Others
530036	Towards a detection of transient anomalous X-ray pulsar XTE J1810-197 at soft gamma-rays	Hermesen	Netherlands	Compact Objects
530037	Measuring the High Energy Emission of Intermediate Polars during the Galactic Centre Key Programme	Falanga	France	Compact Objects
530038	Continuing the long term monitoring of SGR 1806-20	Mereghetti	Italy	Compact Objects
530041	Unveiling the hard X-ray source in SAX J1747.0-2853	Natalucci	Italy	Compact Objects
530042	Search for young supernova remnants with INTEGRAL in the Galactic Centre regions	Renaud	Germany	Nucleosynthesis
530043	Characterisation of the class of Supergiant Fast X-ray Transients	Negueruela	Spain	Compact Objects
530044	A study of the X-ray binaries of the Galactic Center region with INTEGRAL	Goldwurm	France	Compact Objects

Note: A detailed list with the allocation of sources to observers associated to the Key Programme will be available at the ISOC Website



**Proposals associated with the Integral Key Programme on the Galactic Center Region (continued):
05K0008, Bélanger: Deep INTEGRAL Observations of the Central Molecular Zone**

Proposal ID	Title	PI	Country	Category
530045	Long X-ray burst monitoring in the Galactic Centre	Chenevez	Denmark	Compact Objects
530046	Monitoring of the spectral and timing evolution of Supergiant Fast X-ray Transient candidates	Sguera	United Kingdom	Compact Objects
530047	Gamma-ray emission from OB associations	Leyder	Belgium	Others
530048	Several sources within the AO5 Key Programme fields	Walter	Switzerland	Others
530049	Stellar Wind Physics in New Super-Giant High Mass X-ray Binaries	Walter	Switzerland	Compact Objects
530050	Simultaneous INTEGRAL and AGILE Observations of Galactic Center Region Sources	Tavani	Italy	Compact Objects
530052	INTEGRAL observations of GLAST sources detected in the Central Molecular Zone	Ubertini	Italy	Others
530054	Detailed study of the hard X-ray emission from the bright atoll...	Piraino	Germany	Compact Objects
530055	Investigating the Hard X-Ray Emission from the Galactic Centre Radio Arc	Belanger	Spain	Others
530056	Constraining the Nature of the Emission from the Composite SNR G0.9+0.1 Near the Galactic Centre with INTEGRAL	Belanger	Spain	Others

**Proposals associated with the Integral Key Programme on the North Ecliptic Pole:
05K0010, Ajello: The ultra-deep INTEGRAL legacy hard X-ray survey**

Proposal ID	Title	PI	Country	Category
531002	Continuation of search for unpredicted gamma-ray lines with SPI	Watanabe	USA	Others
531003	Key programme proposal: positron annihilation radiation from...	Weidenspointner	France	Nucleosynthesis
531005	The Disk-Jet Connection in 3C 390.3	Sambruna	USA	Extragalactic Objects
531006	INTEGRAL Monitoring Of Selected Blazars In The North Ecliptic Pole Region	Collmar	Germany	Extragalactic Objects
531007	Measuring the High Energy Emission of Intermediate Polars during the North Pole region Key Programme	Falanga	France	Compact Objects
531009	Studying the X- and gamma-ray properties of the TeV Blazar 1ES 1959+650 with INTEGRAL	Bottacini	Germany	Extragalactic Objects
531010	INTEGRAL observations of GLAST sources detected in the North Ecliptic Pole	Ubertini	Italy	Others
531012	Study of the Radio Galaxy High Energy Spectra with INTEGRAL: The Case of 4C 74.26	Kazanas	USA	Extragalactic Objects
531013	INTEGRAL Observations of Blazars	Georganopoulos	USA	Extragalactic Objects
531014	Searching with INTEGRAL for possible counterparts of unresolved X-ray sources observed with the PDS onboard BeppoSAX...	Farinelli	Italy	Extragalactic Objects

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**Proposals associated with the Integral Key Programmes in the Cygnus Region:
05K0012, Knödlseeder: Nucleosynthesis and antimatter annihilation in Cygnus X
05K0018 Butt: Imaging the Hyperactive Cygnus TeV Superstructure in Soft Gamma-rays**

Proposal ID	Title	PI	Country	Category
532003	High Energy Observations of Cygnus X-1 in the Key Programme Framework	Cadolle Bel	Spain	Compact Objects
532004	Hard X-Ray Emission from Cyg X-2	PAIZIS	Italy	Compact Objects
532005	High Mass X-ray Binaries in the Cygnus region	Sidoli	Italy	Compact Objects
532006	Continuation of search for unpredicted gamma-ray lines with SPI	Watanabe	USA	Others
532007	A Hard X-ray Study of the Symbiotic Binary CH Cygni	Shrader	USA	Compact Objects
532008	Normal outbursts of EXO 2030+375: accretion mechanism and circumstellar disk behavior	Santangelo	Germany	Compact Objects
532010	INTEGRAL Monitoring of Blazars in the Cygnus Region	Lonjou	France	Extragalactic Objects
532011	The enigmatic radio galaxy IGR J21247+5058	Beckmann	Switzerland	Extragalactic Objects
532013	Search for the Nature of the Short Burst, GRB/SGR 050925, Detected by Swift/BAT	Sakamoto	USA	Compact Objects
532015	Observing Cyg X-1 in the INTEGRAL Key Programme	Wilms	Germany	Compact Objects
532017	High Energy Spectra of AGNs in Cygnus Region	Malizia	Italy	Extragalactic Objects
532018	Measuring the High Energy Emission of Intermediate Polars during the Cygnus region Key Programme	Falanga	France	Compact Objects
532019	Hard X-ray emission from Cataclysmic Variables in the Cygnus region	Del Santo	Italy	Compact Objects
532020	Long X-ray burst monitoring in the Cygnus region	Chenevez	Denmark	Compact Objects
532021	Gamma-ray emission from OB associations	Leyder	Belgium	Others
532023	Monitoring of the spectral and timing evolution of Supergiant Fast X-ray Transient candidates	Sguera	United Kingdom	Compact Objects
532024	INTEGRAL observations of GLAST sources detected in the Cygnus Region (Key Project 05K0012)	Ubertini	Italy	Others
532025	Pulsar magnetic fields: Key Programme observations of Cep X-4	McBride	United Kingdom	Compact Objects
532027	Jets and Disks in X-ray Binaries	Tomsick	USA	Compact Objects

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