LARGE GRANTS

#	PI	Titolo	Importo	Punteggio
1	delphine.perrodin	Gravitational Wave Detection using Pulsar Timing Arrays	199	56,0
2	silvano.desidera	NextSTEPS: Next Search for Thermal Emission of ProtoplanetS	200	55,5
3	alexandro.saro	Witnessing the Birth of the Most Massive Structures of the Universe	200	55,0
4	pietro.schipani	WST: the Wide-field Spectroscopic Telescope	200	55,0
5	alessandro.sozzetti	EXODEMO: The Demographics of Planetary Systems with Solar System - Type Architectures	200	54,0
6	fabrizio.nicastro	The XRISM-to-XIFU (X2X) Agreement and Beyond: entering a new Era of High-Resolution X-Ray Spectroscopy	200	53,5
7	marcella.marconi	MOVIE (Modeling and Observations of Variable stars as distance Indicators and stellar Evolution tracers)	200	53,5
8	federico.landini	CISS - Circular Slit Spectrometer	200	52,5
9	laura.magrini	Beyond metallicity: Exploiting the full POtential of CHemical elements (EPOCH)	170	51,5
10	paolo.romano	IDEA-SW - Integrating Data and Expertise to Advance Space Weather forecasting of Catastrophic Events	192	51,5
11	manuela.magliocchetti	The MOONS Extragalactic Survey	200	50,25
12	andrea.raponi	NATURE AND EVOLUTION OF THE ORGANIC MATERIAL ON CERES (TERRAE)	200	49,5
13	ciro.pinto	BLOSSOM - BLack hOleS Swift fOrMation	200	48,0
14	viola.allevato	AGN and Euclid: a close entanglement	193	48,0
15	marta.civitani	BabyIAXO Research on Axions via Observation of the Sun (BRAVO SUN)	200	47,5
		(Budget 3000 k€) TOTALE	**2954**	

Data Analysis Grant

#	PI	Titolo	Importo	Punteggio
1	valerio.nascimbeni	Characterization of transiting exoplanets by exploiting the unique synergy between TASTE and TESS	32	54,70
2	emanuele.nardini	Quasars in public archives: a treasure trove in plain sight	35	54,50
3	antonio.maggio	Survey of planet-hosting late-type stars for studies of XUV irradiation of planetary atmospheres and Star-Planet Interactions	15	54,00
4	chiara.feruglio	ARCHIE ARchive Cosmic HI & ISM Evolution	47	53,20
5	mauro.ciarniello	MIdsized Saturnian icy Satellites Investigation by Spectral modeling (MISSIS)	37	53,00
6	eleonora.torresi	Testing accretion mode in a large sample of faint radio galaxies	50	52,50
7	claudia.raiteri	Unveiling the properties of extragalactic jets through multiwavelength observations	48	51,50
8	guido.agapito	Machine Learning for Adaptive Optics	50	51,00
9	luigi.pacciani	The gamma-ray variability of Flat-Spectrum Radio Quasars under statistical scrutiny	15	47,75
10	stefano.pezzuto	Exploiting the Herschel legacy archive for star formation	5	44,00
11	filippo.ambrosino	Unveiling the secrets inside SiFAP2 data	50	42,00
12	francesco.carraro	SLab tools	43	36,00
		(budget 500 k€) TOTALE	**427**	

GO-GTO Large

#	PI	Titolo	Importo	Punteggio
1	fabio.vito	Unveiling the connection between AGN and massive gas reservoirs in protoclusters	100	55,5
2	giuseppina.micela	GAPS 2	100	55,0
3	valentina.braito	AGN disk winds form ultra fast to slow	96	53,0
4	paolo.serra	Science with the MeerKAT Fornax Survey	100	52,75
5	luigi.bedin	Improved Astrometric and Photometric techniques with the James Webb and Hubble Space Telescopes to study extremely faint stellar objects	100	52,25
		(Budget 500 k€) TOTALE	**496**	

GO-GTO Normal

#	PI	Titolo	Importo	Punteggio
1	fiamma.capitanio	Spin and Geometry in accreting X-ray binaries: The first multi frequency spectro-polarimetric campaign	50	56,5
2	andrea.grazian	Finding the Brightest Cosmic Beacons in the Universe with QUBRICS	39	55,5
3	vincenzo.ripepi	C-MetaLL - Cepheid metallicity in the Leavitt law	50	55,2
4	francesca.annibali	Dwarf galaxies as probes of the Lambda Cold Dark Matter hierarchical paradigm at the smallest scales	50	55
5	mariachiara.rossetti	Properties of the dark matter with the Planck Bullet Cluster.	50	54,5
6	rossella.cassano	TESTING THE ORIGIN OF GIANT RADIO HALOS WITH JOINT LOFAR-uGMRT OBSERVATIONS	50	54,0
7	fabio.pintore	OBIWAN: Observing high B-fleld Whispers from Accreting Neutron stars	45	53,7
8	paolo.tozzi	The origin of cool cores and the evolution of BCGs in galaxy clusters	50	53,5

9	alessandro.caccianiga	Testing the obscuration in the Early Universe	49	53,2
10	luca.izzo	Multi-wavelength and multi-messenger analysis of relativistic supernovae	35	53,0
11	simona.ghizzardi	Iron in intermediate mass galaxy clusters	48	52,5
12	maurizio.paolillo	Preparing for next-generation time-domain surveys: a census of AGN populations with VST in the LSST Deep Drilling Fields	50	52,2
13	carmelita.carbone	GEMS: Galaxy survey Exploration via Modelling of multi-scale Structures	50	52,0
14	antonella.vallenari	Open Clusters and stellar structures in the local Galactic disk	50	51,7
15	claudio.codella	Exploiting ALMA data to study planet-forming disks: preparing the advent of SKA (PROTO-SKA)	50	51,0
16	richard.smart	Parallaxes of faint T and Y dwarfs to constrain low-mass formation mechanisms	50	50,7
17	marcella.massardi	Serendipitous H-ATLAS-fields Observations of Radio Extragalactic Sources (SHORES)	20	50,2
18	benedetta.vulcani	Identifying ram pressure induced unwinding arms in cluster spirals	50	50,0
19	massimo.dallora	The GalActic bulGe with plEiadi (GAGE)	50	49,7
20	giustina.vietri	Assessing the role of ultra-fast outflows in hyper-luminous quasars at Cosmic Noon	50	49,5
21	lara.sidoli	Untangling the wires in the High Mass X-ray Binaries' behavior	15	49,3
22	marina.orio	How massive can a white dwarf in a binary become?	12	47,5
		(Budget 1000 k€) TOTALE	**936**	

TECHNO GRANTS

#	PI	Titolo	Importo	Punteggio
1	natalia.auricchio	Adjustable Gamma-ray Optics (AGO)	99	51,75
2	fabio.vitello	SKAVA: SKA Visual Analytics	95	51,50
3	fabrizio.dirri	ISAC (Innovative and customized SAmple Container to transport, analyse and storage small extra-terrestrial samples between laboratory facilities)	95	50,88
4	guido.cupani	Spectro-perfectionism for high-fidelity spectroscopy	100	50,35
5	luca.olmi	Super-Resolution in Astronomy: Development and Tests of Technologies for the INAF Radio Telescopes	100	50,25
		(budget 500) TOTALE	489	

Theory Grants

#	PI	Titolo	Importo	Punteggio
1	gianfranco.brunetti	Theory and simulations of non-thermal phenomena in galaxy clusters and beyond	50	54,5
2	riccardo.ciolfi	AfterJet - Modelling short gamma-ray burst jets from binary neutron star mergers and their afterglow emission	50	53,0
3	*Stefano Cristiani (sostituisce Matteo Viel)*	*Cosmological Investigation of the Cosmic Web*	*50*	*52,5*
4	giancarlo.ghirlanda	GRB PrOmpt Emission Modular Simulator (POEMS)	50	53
5	francesco.leone	The magnetic field of White Dwarfs: the perils of eschewing physics	50	52,5
6	sergio.cristallo	Understanding R-process & Kilonovae Aspects	50	52,2
7	alfio.bonanno	Unveiling the magnetic side of the Stars	50	51,8
8	emiliano.sefusatti	NeuMaSS: Neutrino Masses from Spectroscopic Surveys	50	51,8
9	mariateresa.crosta	Gravitational astrometry tools for peering gravitational waves in the fabric of spacetime	49	51,7

10	santi.cassisi	LASTING: fiLling the gAp between the STellar and the masslve plaNets reGime	28	51,5
11	marco.padovani	MultiwavelEngth signatuRes of Cosmic rAys in sTar-fOrming Regions (MERCATOR)	50	51,3
12	rosa.valiante	Theoretical models for Black Holes Archaeology	50	51,2
13	umberto.maio	FIRST - First Galaxies in the Cosmic Dawn and the Epoch of Reionization with High Resolution Numerical Simulations	50	51,0
14	maria.dimauro	Synergic tools for characterizing solar-like stars and habitability conditions of exoplanets	50	50,8
15	salvatore.orlando	Supernova remnants as probes for the structure and mass-loss history of the progenitor systems	50	50,5
16	fabio.finelli	Cosmologia e Fisica Fondamentale attraverso il fondo cosmico a microonde e la struttura su grande scala	50	48,8
17	mauro.sereno	Gravitational lensing detection of matter distribution at galaxy cluster boundaries and beyond	50	48,5
18	cesare.cecchi	EXOChemistry: Life as Universal Event (EXOCLUE)	49	47,7
19	salvatore.colombo	Exploring the radiation-induced changes in exoplanetary atmospheres	50	46,5
20	nicola.menci	AGN-driven outflows in cosmological models of galaxy formation	30	46,3
		(Budget 1000000) TOTALE	**956**	

MINI-GRANTS

Su indicazione del Presidente sono stati aggiunti al budget euro 250 k€ provenienti da risparmi in altre voci del bando ed utilizzati per incrementare i grants di RSN-1 ed RSN-2 che hanno avuto un numero consistentemente superiore di domande rispetto ad RSN3, RSN4 ed RSN5.

A seguito di una verifica dettagliata sono stati esclusi 4 proponenti Mini-Grant che alla data di scadenza del bando non avevano i requisiti per essere PI di Mini-grants.

RSN - 1					
#	**PI**	**Titolo**	**Importo**	**Punteggio**	**Giovani**
1	andrea.botteon	The LOFAR Galaxy Cluster Ultra-Deep Field	20	65,0	SI
2	micol.bolzonella	ADIEU: Anomaly Detections In EUclid	19	59,0	NO
3	stefano.andreon	Characterizing the newly discovered clusters of low surface brightness.	20	59,0	NO
4	federico.lelli	Galaxy dynamics across cosmic time: from statistical HI samples at z=0 to primeval galaxies at z>4	20	58,0	NO
5	iacopo.bartalucci	The path from Athena to new-Athena	8	57,0	NO
6	francesco.labarbera	The stellar IMF with state-of-the-art NIR stellar population models	17	56,5	NO
7	veronica.biffi	Origins of the ICM metallicity in galaxy clusters	18	56,0	NO
8	federico.rizzo	Alternative estimators of galaxy clustering	19	55,0	SI
9	marisa.brienza	Low radio frequencies as a probe of AGN jet feedback at low and high redshift	20	55,0	SI
10	matteo.costanzi	Fill the gap: understanding the observable properties of low signal-to-noise detections to unlock the full cosmological utility of the forthcoming Euclid cluster survey	20	55,0	NO
11	maria.polletta	Galaxy growth and fueling in high-z structures	12	54,5	NO

12	olga.cucciati	LION: Looking for the Imprint of Overdensity Networks	20	54,0	NO
13	francesca.loi	Probing an astrophysical scenario of magnetic field injection with MeerKAT	20	53,5	SI
14	matteo.bonato	A systematic search for ultra-bright high-z strongly lensed galaxies in Planck catalogues	20	53,5	NO
15	adriana.gargiulo	Enhancing our understanding of galaxy evolution with improved SED fitting software	19	53,0	NO
16	alessandro.marconi	Quantitative Spectroscopy of Ionized Nebulae and Galaxies (QSING)	20	52,5	NO
17	marco.mignoli	Exploiting ALMA and CFHT for High-Redshift Galaxy Studies in the J1030 Field	15	52,3	NO
18	barbara.balmaverde	The MURALES project: exploring AGN feedback in the most powerful radio loud active galactic nuclei	18	52,0	NO
19	maurilio.pannella	Toward the SKA investigation of high redshift galaxy clusters: MeerKAT and uGMRT radio continuum imaging of the most massive structures in the early Universe	20	51,5	NO
20	Federica Loiacono	Exploiting the powerful capabilities of JWST/NIRSpec to unveil the distant Universe	20	51,0	SI
21	Alfonso veropalumbo	3E - systematic Evaluation of clustering probes' Error budget in the Euclid era	10	50,5	NO
22	*antonino.marasco*	*The quest for gas accretion: modelling the dynamics of extra-planar gas in nearby galaxies*	*12*	*50,3*	*NO*
23	*alessandro.trinca*	*Cosmic Archaeology with the first black hole seeds: advancing theoretical tools to explore cosmic dawn with JWST and future gravitational wave telescopes*	*20*	*50,0*	*SI*
24	*flaminia.fortuni*	*Improving the computational performances of FORECAST with*	*20*	*49,5*	*SI*

		the massively parallel architecture of GPUs			
25	*Stefano Zlbetti*	*Enabling the study of galaxy evolution through unresolved stellar population analysis*	*16*	*49,0*	*NO*
26	*matteo.martinelli*	*Testing the fundamental assumptions of the cosmological model with Large Scale Structure data*	*20*	*48,5*	*NO*
27	*tiago.batalha*	*Designing the next generation of simulations for cluster cosmology*	*17*	*48,0*	*SI*
28	*francesco.calura*	*Clumps at cosmological distance: revealing their formation, nature, and evolution*	*20*	*47,0*	*NO*
29	*Edvige.Corbelli*	Shaping galaxies through tidal encounters in the Local Group and beyond (SHAPES)	*20*	*46,5*	*NO*
		(Budget 500 k'eur) TOTALE	**520**		

RSN – 2					
#	**PI**	**Titolo**	**Importo**	**Punteggio**	**Giovani**
1	maria.navarro	JIMMY: JWST-IFU Measurements of Mass loss in Young stars	20	61,9	SI
2	gloria.guilluy	A Helium Survey in Exoplanetary Atmospheres Accounting for Stellar Activity 19	20	61,7	SI
3	claudia.dimaio	Impact of planetary Masses and Radii Estimates on the Atmospheric retrievals - IMaREA	19	61,5	SI
4	monika.stangret	Atmospheres of extrasolar planets with high-resolution spectrographs	20	61,4	SI
5	michele.scalco	A near-infrared extension of Gaia to low Galactic latitudes	20	60,6	SI
6	eleonora.fiorellino	Investigating the planet formation initial conditions through the mass accretion rate on protostars	20	60,4	SI
7	lorenzo.pino	Atmospheric structure, dynamics, and composition of hot gas giant exoplanets with high dispersion emission spectroscopy	20	60,3	SI

8	giovanni.sabatini	TRacing the chemIcal hEritage of our originS: from proTostars to planEts (TRIESTE)	20	59,5	SI
9	cristiano.fanelli	N2RED	19	59,4	SI
10	matteo.pinamonti	Studying the influence of Cold Jupiters on the formation of sub-Neptunes around K-dwarfs	20	57,0	SI
11	valeria.grisoni	AGES: Asteroseismology for Galaxy Evolution Studies	2	55,9	SI
12	maria.botticella	Euclid Transient Search	13	53,2	NO
13	francesco.damiani	Contributing to the 4MOST Galactic Spectrum-Analysis Pipeline	4	52,8	NO
14	michele.bellazzini	Chemo-dynamics of the Accreted Halo of the Milky Way (CHAM)	18	52,8	NO
15	massimo.dellavalle	Search for SN explosions from Pop III "analogs" in the Local Universe	16	52,7	NO
16	serena.benatti	SpAcES: Spotting the Activity of Exoplanet hosting Stars	16	52,6	NO
17	rosaria.bonito	Physical properties of Accreting young stellar objects: exploration of their light Curves and Emission (PACE)	17	52,3	NO
18	maria.tsantaki	Exoplanets in the Galactic context	3	52,2	NO
19	giuliana.fiorentino	STEP2GO STellar Evolution & Pulsation to Galactic genealOgy	20	52,0	NO
20	antonino.petralia	Modelling of exoplanetary atmospheres in different physical conditions.	14	51,9	NO
21	laura.affer	Simulations for Planning Exoplanet Radial velocity Observations - SPERO	19	51,8	NO
22	simone.antoniucci	MUSHROOMS - MUse and Shark High-Resolution Observations of Outflowing Matter in young Stars	20	51,3	NO
23	luca.borsato	Decoding the dynamical properties of planetary systems observed by TESS and CHEOPS through TTV analysis with parallel computing.	20	51,0	NO

24	antonio.garufi	VLT/ERIS and SKA: toward the first detections of protoplanets	16	50,7	NO
25	flavia.dellagli	Understanding evolved stars and their dust production through the lens of planetary nebulae	16	50,5	NO
26	innocenza.busa	Tracing Galactic Low Energy Cosmic Rays by Charge-Exchange emission	19	50,4	NO
27	*paola.refiorentin*	*The origin of the Icarus stream via high-resolution N-body simulations and spectroscopic folow up*	*20*	*49,7*	*NO*
28	*claudio.zanni*	*Star-DIsk-Planet interaction (SDI-P): investigating the physics of the star-planet-inner disk interaction in young stars*	*17*	*49,7*	*NO*
29	*luciano.piersanti*	*Self-consistent Modeling of Interacting Binary Systems*	*19*	*49,6*	*NO*
30	*daniele.galli*	*PArtiCles, Ionization and Fields in the InterStellar Medium (PACIFISM)*	*20*	*49,5*	*NO*
31	*roberto.silvotti*	*Hot subdwarfs and white dwarfs: Pulsations, Binaries and Planetary Systems*	*6*	*49,5*	*NO*
32	*francesco.borsa*	*Cross-correlating High-resolution Exoplanetary Atmospheric Templates*	*18*	*49,4*	*NO*
		(Budget 531 k€) TOTALE	**531**		

RSN - 3					
#	**PI**	**Titolo**	**Importo**	**Punteggio**	**Giovani**
1	anna.galiano	SIMILIS: Spectral Investigation of Meteorites Irradiated by Laser and Ion for the characterization of Space weathering on asteroids	17	58,5	SI
2	riccardo.urso	Organic Refractories Sustaining microOrganisms - ORSO	20	58,1	SI
3	lorenzo.rossi	Development of a drilling data monitor for the interpretation of drill telemetry from planetary exploration missions.	20	57,0	SI
4	mariarita.murabito	STEP - Statistical study of Transient brightening Event in the Penumbra	20	57,0	SI

5	costanza.rossi	DISCOVERIES – Deformation mechanisms of the Icy Satellites: COmparison and VErification of Remote sensing Investigations, laboratory Experiments and terrestrial analog Survey	20	56,8	SI
6	adriano.tullo	Combined implementation of CaSSIS and HiRISE data through pansharpening experiments	18	56,7	SI
7	elena.martellato	Origin of water ice on Mercury	20	52,5	
8	salvatore.guglielmino	HALE: High-resolution obser20vations of the response of the solar atmosphere to small-scale flux emergence	20	52,2	NO
9	marco.ferrari	LABORATORY INVESTIGATION ON TWO ASSIGNED RYUGU SAMPLES COLLECTED BY THE JAXA/HAYABUSA2 MISSION	20	51,5	NO
10	mirko.stumpo	Investigating the Universal Nature of Magnetic field Fluctuations in Solar Wind Turbulence: A Multifractal Approach	20	50,7	SI
11	piero.dincecco	Title: The “Analogs for VENus’s GEologically Recent Surfaces” (AVENGERS) Project: a comprehensive database of terrestrial volcanoes for identifying active volcanism on Venus	20	50,3	NO
12	giuseppe.massa	Spectral investigation of Ordinary Chondrites in support to the Hera mission	9	50,2	SI
13	stavro.ivanovski	Space WEather Analysis of Rogue events (SWEAR)	20	49,5	NO
14	rossana.demarco	Machine Learning on Solar Wind Velocity Distribution Functions	18	49,3	NO
15	silvio.giordano	Data and Observations Catalog for UVCS/SOHO	11	49,2	NO
16	aldo.delloro	Collisions in debris disks: the role of the secular perturbations.	11	48,5	NO
17	emanuele.papini	The role of turbulence in the magnetospheric-ionospheric	20	47,3	NO

		coupling: Implications for space weather.			
18	enrico.bruschini	Alkaline vs Acidic aqueous weathering on Mars – a comparative study from Earth analogs (AMars)	15	47,0	NO
19	eliana.lafrancesca	AMMONHIA (Abundance Mass spectrometry Measurements Of NH In Analogues materials)	20	44,3	NO
20	francesca.zambon	Moon Space Weathering Analysis (MoonSWA)	20	44,2	NO
21	lucia.abbo	Observational campaign of total solar eclipse on April 8, 2024 (ECLIPSE2024)	20	41,5	NO
22	*Fabio.Cozzolino*	*MiMa (Methane in Martian atmosphere)*	*20*	*41,34*	
		(Budget 400 k€) TOTALE	**399**		

RSN - 4					
#	**PI**	**Titolo**	**Importo**	**Punteggio**	**Giovani**
1	stefano.menchiari	Probing Young Massive Stellar Cluster as Cosmic Ray Factories	8	65,0	SI
2	barbara.olmi	Hidden Young Pulsar Nebula Occupying The Inner Core of 87A - HYPNOTIC87A	14	57,0	NO
3	luca.foffano	Absorption features in gamma-ray spectra of blazars	19	56,5	SI
4	patrizia.romano	Investigating SFXTs and other wind-fed HMXBs	12	53,0	NO
5	oleh.petruk	Particle acceleration at shocks of young supernova remnants: evolution of the spectral index	17	52,5	NO
6	fabio.ragosta	KeNSHIRO: KNe Serendipitous Hunt In the Rubin Observatory era	20	52,0	SI
7	antonio.stamerra	Measurement of the intergalactic magnetic field with gamma-ray sources	20	51,5	NO
8	gabriele.bruni	The GRACE project: high-energy giant radio galaxies and their duty cycle	12	51,0	NO

9	om.salafia	Merger to gamma-ray burst (MEGA)	20	50,5	NO
10	roberto.soria	X-ray search for intermediate mass black holes	20	50,2	NO
11	francesca.onori	SeaTiDE - Searching for Tidal Disruption Events with ZTF: the Tidal Disruption Event population in the era of wide field surveys	20	50,0	NO
12	paola.grandi	Investigating the Quiescent State of the TeV-Emitting Radio Galaxy 3C 264	10	49,8	NO
13	alessandra.lamastra	PANJEA: Particle Acceleration and multi-messenger emission in Non-JEtted AGN	20	49,7	NO
14	francesco.saturni	MADaMA - Measuring the Amount of Dark Matter in Astrophysical targets	20	49,7	NO
15	ulisse.munari	Caratterizzazione spettroscopica di transienti, novae in outburst, e binarie simbiotiche	16	49,5	NO
16	manuela.molina	X-ray Obscuration vs molecular gas distribution in local AGN	15	49,2	NO
17	elena.ambrosi	PPANDA: Pulse Profiles of Accreting Neutron stars Deeply Analyzed	20	49,0	NO
18	piergiorgio.casella	Studying the Fast Variable Multi-Wavelength Emission from JETs in X-ray Binaries	20	48,7	NO
19	francesca.panessa	Exploring the origin of radio emission in Radio Quiet AGN	18	48,5	NO
20	tullia.sbarrato	Hidden jets at very high redshift	18	48,0	NO
21	stefano.vercellone	UV and X-ray characterisation of a sample of gamma-ray narrow line Seyfert 1 galaxies	12	47,7	NO
22	caterina.tiburzi	High-order statistical description of pulsar polarization	13	47,5	NO
23	alessandro.carosi	Optimization of VHE Observation of Transient Events with the Next Generation Cherenkov Telescopes	20	47,0	NO

			(budget 400 k€) TOTALE	**384**	

RSN - 5					
#	**PI**	**Titolo**	**Importo**	**Punteggio**	**Giovani**
1	matteo.dandrea	Feasibility study for the development of wide energy-band TES microcalorimeters for Particle & X-γ rays detection	20	64,5	SI
2	michele.frangiamore	MULTIPLEXED VPHG TO SEARCH LIFE	20	64,0	SI
3	smiriti.srivastava	Parylene Aluminium Filters (ParAlF)	20	61,0	SI
4	giulia.carla	A rotational shearing interferometer to sense phase discontinuities at the Extremely Large Telescope	20	60,5	SI
5	giuseppe.tudisco	Design and implementation of in-site visualization approaches in the VisIVO Framework	17	58,7	SI
6	matteo.simioni	MICADO PSF-R: an insight on the telemetry data volume	13	57,5	SI
7	ivan.diantonio	No-contact optical surface actuation using heating laser patterns	20	57,2	SI
8	davide.mollica	Study on the event integration time window for high-zenith angle observations with the ASTRI Cherenkov camera	20	56,7	SI
9	tommaso.lapucci	Microsecond synchronization of pyramid wavefront sensors' active components in extreme adaptive optics applications.	20	55,7	SI
10	paola.dimauro	Re-interpreting data analysis in the era of Large Surveys	20	55,5	NO
11	carlotta.scire	VUV Laser Cell	20	54,7	NO
12	benedetta.difrancesco	Machine Learning approach to optical waveguides: a study for focal plane wavefront sensing applications	20	54,2	SI

13	simone.riggi	SCIARADA: Self-supervised Contrastive learning for Inspection and Analysis of RAdio DAta in the SKA era	14	54,0	NO
14	salvatore.savarese	Image Quality For Wide-field Telescopes	17	53,5	SI
15	massimo.cecconi	MCP-TimePix3 @OARPAF: A pathfinder for an imaging detector with high time resolution for astronomy	20	53,2	NO
16	domenico.dauria	Early-bird RAM analysis: introduzione dell'affidabilità sin dalla fase di progettazione concettuale	20	53,0	SI
17	mirko.colapietro	Study of PLC-based High-precision INnovative Control Strategies and software development in the era of the new astronomical ground-based instrumentation	20	53,0	SI
18	eduardo.medinaceli	A ground-based laboratory to test charged particles interaction with near-infrared space-borne detectors and readout electronics	20	52,5	NO
19	davide.ricci	A set of web-based interfaces for instrument control, quick-look, and data analysis	19	52,0	NO
20	elisa.guerriero	Mid-Spatial frequency study for the Ariel Space Mirror	20	51,7	NO
21	giovanni.contino	Characterization of the new generation RADIOROC (ChangeR) - Characterization, calibration and validation of RADIOROC, an innovative ASIC for Cherenkov detection	20	51,5	NO
		(Budget 400 k€) TOTALE:	**400**		

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