



**CONCORSO DI DOTTORATO DI RICERCA NAZIONALE
IN "SPACE SCIENCE AND TECHNOLOGY" 40° CICLO
NATIONAL DOCTORAL PROGRAMME IN
"SPACE SCIENCE AND TECHNOLOGY" 40th CYCLE**

**RISULTATI CONCORSO
CALL RESULTS**

In base a quanto stabilito nell'art. 5 del bando: I posti sono assegnati ai candidati e alle candidate idonei in base a:

- posizione in graduatoria;
- per le borse a tematica vincolata, secondo l'ordine della graduatoria tenendo conto dell'idoneità specifica.

Qualora il candidato risulti vincitore nelle graduatorie di due curricula sarà tenuto ad accettare il posto relativo alla borsa a tematica vincolata sul curriculum indicato come prioritario nella domanda online e sarà depennato dalla graduatoria dell'altro curriculum.

Qualora il candidato risulti vincitore per la posizione relativa a una borsa a tematica vincolata sul curriculum indicato come secondario e accetti il posto, non sarà tenuto in considerazione nell'eventuale scorrimento nella graduatoria relativa al curriculum indicato come prioritario in quanto già iscritto/a nell'altra graduatoria.

In caso di idoneità su due graduatorie, al candidato o alla candidata potrà essere offerto, qualora disponibile a seguito dello scorrimento delle graduatorie, un posto con borsa a tematica vincolata su uno qualsiasi dei due curricula, indipendentemente dalle priorità espresse. Il candidato o la candidata sarà tenuto/a ad accettare la posizione e sarà depennato/a dalla graduatoria dell'altro curriculum.

In caso di pari merito si applica quanto specificato all'art. 6 del bando.

La mancata attribuzione delle borse comporta la riduzione delle posizioni previste a bando.

According to Art. 5 of the call, the available positions are assigned to short-listed applicants according to:

- *the position in the OVERALL ranking list;*
 - *the applicant's prioritized eligibility for a given specific reserved scholarship still available following the order of the ranking list.*
- If the candidate appears in the ranking lists of two curricula, he/she will be required to accept the position related to the scholarship theme belonging to the curriculum indicated as priority in the online application and will be removed from the ranking list of the other curriculum.*

If the candidate appears in the ranking lists of the curriculum indicated as secondary and accepts the scholarship, he/she will not be considered in the event the ranking list is shifted during a subsequent phase of the scholarship matching. In the event the candidate did not appear in a ranking list and in case of subsequent rankings shift, the candidate may propose a scholarship theme on any of the two curricula regardless of the preferred curriculum indicated in the online application.

In case of equal score, see art. 6. of the call.

Non-allocated scholarships on reserved topics will result in the reduction of the number of positions available.

Termine per le iscrizioni:

Posti con borsa: **6 settembre 2024**

Posti senza borsa: **12 settembre 2024**

Deadline for enrolment:

Position with scholarship: **September 6th 2024**

Position without scholarship: **September 12th 2024**

Curriculum 1 - Osservazione dell'Universo / Observation of the universe

4 posti coperti da borsa a tematica vincolata / 4 positions covered by reserved scholarships

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
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742596	55	38	93	1D	Ammesso/a - borsa 1D Admitted – Scholarship 1D	
742096	54	38	92	1A	Ammesso/a - borsa 1A Admitted – Scholarship 1A	*
742488	50	40	90	1C	Ammesso/a - borsa 1C Admitted – Scholarship 1C	*
742652	52	37	89	1B, 1A, 1D	Ammesso/a - borsa 1B Admitted – Scholarship 1B	*
743839	52	36	88	1D	Idoneo/a Eligible, not admitted	
743684	50	35	85	1B	Idoneo/a Eligible, not admitted	
742580	43	38	81	1B (1C, 1D non idoneo/a; 1C, 1D not eligible)	Idoneo/a Eligible, not admitted	
743736	43	35	78	1C (1D, 1B non idoneo/a; 1D, 1B not eligible)	Idoneo/a Eligible, not admitted	*
742640	42	34	76	1D (1C, 1A non idoneo/a; 1C, 1A not eligible)	Idoneo/a Eligible, not admitted	*
743490	44	30	74	1B, 1D (1A non idoneo/a; 1A not eligible)	Idoneo/a Eligible, not admitted	
738692	45	28	73	1B, 1C, 1D	Idoneo/a Eligible, not admitted	
743536	42	29	71	1B, 1C	Idoneo/a Eligible, not admitted	*
740818	40	30	70	1C	Idoneo/a Eligible, not admitted	
743650	40	29	69	1D	Idoneo/a Eligible, not admitted	
743157	36	32	68	1C (1A, 1D non idoneo/a; 1A, 1D not eligible)	Idoneo/a Eligible, not admitted	
743640	38	28	66	1D, 1C (1B non idoneo/a; 1B not eligible)	Idoneo/a Eligible, not admitted	
742161	39	25	64	1D, 1C, 1A	Idoneo/a Eligible, not admitted	
741148	36	27	63	1C, 1A (1B non idoneo/a; 1B not eligible)	Idoneo/a Eligible, not admitted	
743363	46	26	72	Escluso dalla graduatoria per ammissione su un altro curriculum/ Excluded from the ranking due to the admission on another Curriculum		
741367	43	15	-	Non idoneo/a Not eligible		
740798	43	15	-	Non idoneo/a Not eligible		
743214	37	20	-	Non idoneo/a Not eligible		
742761	41	15	-	Non idoneo/a Not eligible		
741063	30	-	-	Non idoneo/a Not eligible		
742272	33	-	-	Non idoneo/a Not eligible		



742026	33	-	-	Non idoneo/a Not eligible
743876	29	-	-	Non idoneo/a Not eligible
740451	33	-	-	Non idoneo/a Not eligible
743915	-	-	-	Ritirato/a Withdrawn
743150	55	-	-	Ritirato/a Withdrawn
742917	57	-	-	Assente Absent

Curriculum 2 – Terra e sistema Terra-Sole / Earth and the Sun-Earth system

4 posti coperti da borsa a tematica vincolata / 4 positions covered by reserved scholarships

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
743916	48	40	88	2A (2B non idoneo/a; 2B not eligible)	Ammesso/a - borsa 2A Admitted – Scholarship 2A	*
743609	48	38	86	2B (2A non idoneo/a; 2A not eligible)	Ammesso/a - borsa 2B Admitted – Scholarship 2B	
743403	47	37	84	2C (2A, 2B non idoneo; 2A, 2B not eligible)	Ammesso/a - borsa 2C Admitted – Scholarship 2C	*
737063	44	37	81	2D	Ammesso/a - borsa 2D Admitted – Scholarship 2D	*
743780	41	37	78	2C	Idoneo/a Eligible, not admitted	
745138	38	32	70	2B, 2D	Idoneo/a Eligible, not admitted	
743526	36	33	69	2A	Idoneo/a Eligible, not admitted	
739693	35	32	67	2B, 2D (2A non idoneo/a; 2A not eligible)	Idoneo/a Eligible, not admitted	
741737	38	28	66	2A (2B non idoneo/a; 2B not eligible)	Idoneo/a Eligible, not admitted	
743280	37	28	65	2B	Idoneo/a Eligible, not admitted	
738854	35	26	61	2C	Idoneo/a Eligible, not admitted	
741367	35	25	60	2B (2A non idoneo/a; 2A not eligible)	Idoneo/a Eligible, not admitted	
743344	35	25	60	2C (2A non idoneo/a)	Idoneo/a Eligible, not admitted	
738613	32	-	-		Non idoneo/a Not eligible	
741684	30	-	-		Non idoneo/a Not eligible	
745121	30	-	-		Non idoneo/a Not eligible	
740129	31	-	-		Non idoneo/a Not eligible	
743640	29	-	-		Non idoneo/a Not eligible	



745137	30	-	-	Non idoneo/a Not eligible
741175	29	-	-	Non idoneo/a Not eligible
743998	33	-	-	Non idoneo/a Not eligible
744708	29	-	-	Non idoneo/a Not eligible
743300	29	-	-	Non idoneo/a Not eligible

Curriculum 3 – Scienze planetarie / Planetary Sciences

3 posti coperti da borsa a tematica vincolata (+ 1 posto in soprannumero) / 3 positions covered by reserved scholarships (+ 1 supernumerary position)

Risultando non assegnata la borsa di studio a tematica vincolata 3C i posti totali disponibili sono diminuiti di n. 1 unità diventando pertanto 2 posti coperti da borsa a tematica vincolata / The scholarship on reserved topic 3C is not assigned to any applicant, the available positions are reduced to 2 positions with scholarship on reserved topics.

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
740487	52	37	89	3B	Ammesso/a - borsa 3B Admitted – Scholarship 3B	
743606	49	38	87	3A, 3C (3B non idoneo/a; 3B not eligible)	Ammesso/a - borsa 3A Admitted – Scholarship 3A	
743554	51	35	86	3B (3A non idoneo/a; 3A not eligible)	Idoneo/a Eligible, not admitted	
743416	49	37	86	3A (3B, 3C non idoneo/a; 3B, 3C not eligible)	Idoneo/a Eligible, not admitted	*
743350	48	33	81	3A (3B, 3C non idoneo/a; 3B, 3C not eligible)	Idoneo/a Eligible, not admitted	*
744276	40	32	72	3A (3B, 3C non idoneo/a; 3B, 3C not eligible)	Idoneo/a Eligible, not admitted	
743255	37	35	72	(3B non idoneo; 3B not eligible)	Idoneo/a Eligible, not admitted	
741732	43	28	71	3A (3C, 3B non idoneo/a; 3C, 3B not eligible)	Idoneo/a Eligible, not admitted	*
741693	42	27	69	3A (3B, 3C non idoneo/a; 3B, 3C not eligible)	Idoneo/a Eligible, not admitted	
740640	36	26	62	3A (3B, 3C non idoneo/a; 3B, 3C not eligible)	Idoneo/a Eligible, not admitted	
738613	36	23	-		Non idoneo/a Not eligible	
742514	35	23	-		Non idoneo/a Not eligible	
745111	30	-	-		Non idoneo/a Not eligible	
741692	-	-	-		Ritirato/a Withdrawn	

Curriculum 4 - Astrobiologia, Scienze della Vita e Medicina Spaziale / Astrobiology, Life Sciences and Space Medicine

6 posti, di cui 5 coperti da borsa a tematica vincolata / 6 positions, of wich 5 positions covered by reserved scholarships



ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
737077	58	38	96	4E, 4B (4C non idoneo/a; 4C not eligible)	Ammesso/a - borsa 4E Admitted – Scholarship 4E	
742585	48	38	86	4C	Ammesso/a - borsa 4C Admitted – Scholarship 4C	
737345	46	38	84	4B	Ammesso/a - borsa 4B Admitted – Scholarship 4B	*
740185	42	38	80	4D, 4A (4E non idoneo/a; 4E not eligible)	Ammesso/a - borsa 4D Admitted – Scholarship 4D	*
742472	35	38	73	4A, 4D (4C non idoneo/a; 4C not eligible)	Ammesso/a - borsa 4A Admitted – Scholarship 4A	
745173	49	36	85	4C (4A, 4E non idoneo/a; 4A, 4E not eligible)	Ammesso – Posto senza borsa Admitted – Position without Scholarship	
739245	46	36	82	4C, 4B (4E non idoneo/a; 4E not eligible)	Idoneo/a Eligible, not admitted	*
743517	42	35	77	4E, 4D	Idoneo/a Eligible, not admitted	
740173	44	28	72	4D, 4A (4C non idoneo/a; 4C not eligible)	Idoneo/a Eligible, not admitted	*
744527	40	30	70	4D, 4A	Idoneo/a Eligible, not admitted	
742670	35	28	63	4D	Idoneo/a Eligible, not admitted	
740903	45	14	-		Non idoneo/a Not eligible	
743489	37	19	-		Non idoneo/a Not eligible	
741175	32	-	-		Non idoneo/a Not eligible	
743516	32	-	-		Non idoneo/a Not eligible	

Curriculum 5 - Sensoristica e strumentazione spaziale / Space sensing and instrumentation

8 posti coperti da borsa a tematica vincolata / 8 positions covered by reserved scholarships.

Risultando non assegnata la borsa di studio a tematica vincolata 5C i posti totali disponibili sono diminuiti di n. 1 unità diventando pertanto 7 posti coperti da borsa a tematica vincolata / The scholarship on reserved topic 5C is not assigned to any applicant, the available positions are reduced to 7 positions with scholarship on reserved topics.

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
743282	50	38	88	5H	Ammesso/a – borsa 5H Admitted – Scholarship 5H	



742167	48	37	85	5G, 5A	Ammesso/a – borsa 5G Admitted – Scholarship 5G	
743391	48	35	83	5F	Ammesso/a – borsa 5F Admitted – Scholarship 5F	*
743363	45	32	77	5H, 5B, 5F	Ammesso/a – borsa 5B Admitted – Scholarship 5B	*
744809	44	32	76	5F, 5E (5G non idoneo/a; 5G not eligible)	Ammesso/a – borsa 5E Admitted – Scholarship 5E	
745121	35	37	72	5A, 5E (5G non idoneo/a; 5G not eligible)	Ammesso/a – borsa 5A Admitted – Scholarship 5A	
745139	40	28	68	5D	Ammesso/a – borsa 5D Admitted – Scholarship 5D	
737594	41	29	70	5E, 5G, 5A	Idoneo/a Eligible, not admitted	
743075	36	33	69	5H, 5B, 5F	Idoneo/a Eligible, not admitted	*
745134	38	21	-		Non idoneo/a Not eligible	
742661	35	23	-		Non idoneo/a Not eligible	
741335	38	14	-		Non idoneo/a Not eligible	
742761	21	-	-		Non idoneo/a Not eligible	
743366	43	-	-		Ritirato/a Withdrawn	
742494	35	-	-		Ritirato/a Withdrawn	
743150	46	-	-		Ritirato/a Withdrawn	

Curriculum 6 - Ingegneria e tecnologie delle piattaforme satellitari / Engineering and satellite platform technologies

12 posti coperti da borsa a tematica vincolata / 12 positions covered by reserved scholarships

Risultando non assegnate le borse di studio a tematica vincolata 6B, 6D e 6G i posti totali disponibili sono diminuiti di n. 3 unità diventando pertanto 9 posti coperti da borsa a tematica vincolata / The scholarships on reserved topics 6B, 6D and 6G are not assigned to any applicant, the available positions are reduced to 9 positions with scholarship on reserved topics.

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
741661	56	36	92	6H, 6D, 6I	Ammesso/a borsa 6H Admitted – Scholarship 6H	
741670	50	37	87	6E	Ammesso/a borsa 6E	



					Admitted – Scholarship 6E	
742833	54	32	86	6A, 6L	Ammesso/a borsa 6A Admitted – Scholarship 6A	*
740766	51	34	85	6F, 6I (6M non idoneo/a; 6M not eligible)	Ammesso/a borsa 6F Admitted – Scholarship 6F	
743248	47	37	84	6I	Ammesso/a borsa 6I Admitted – Scholarship 6I	
744789	48	35	83	6M	Ammesso/a borsa 6M Admitted – Scholarship 6M	
739667	52	30	82	6L, 6A	Ammesso/a borsa 6L Admitted – Scholarship 6L	*
743677	47	34,5	81,5	6N, 6H, 6F	Ammesso/a borsa 6N Admitted – Scholarship 6N	
742381	49	31	80	6C	Ammesso/a borsa 6C Admitted – Scholarship 6C	
744804	49	33,5	82,5	6E (6N, 6I non idoneo/a; 6N, 6I not eligible)	Idoneo/a Eligible, not admitted	
743761	52	29	81	6F, 6E	Idoneo/a Eligible, not admitted	
740129	49	31,5	80,5	6M, 6F	Idoneo/a Eligible, not admitted	
739349	50	29	79	6M	Idoneo/a Eligible, not admitted	
741684	47	26	73	6F, 6C	Idoneo/a Eligible, not admitted	
742962	44	28	72	6L, 6A (6C non idoneo/a; 6C not eligible)	Idoneo/a Eligible, not admitted	
739472	41	30	71	6F, 6C, 6I	Idoneo/a Eligible, not admitted	
745137	43	27	70	(6M non idoneo/a; 6M not eligible)	Idoneo/a Eligible, not admitted	
741148	39	28	67	(6M non idoneo/a; 6M not eligible)	Idoneo/a Eligible, not admitted	
741335	39	20	-		Non idoneo/a Not eligible	
744360	36	22	-		Non idoneo/a Not eligible	
740640	36	20	-		Non idoneo/a Not eligible	
743208	30	-	-		Non idoneo/a Not eligible	
745279	34	-	-		Non idoneo/a Not eligible	
739034	33	-	-		Non idoneo/a Not eligible	



737594	31	-	-	Non idoneo/a Not eligible
737502	47	-	-	Assente Absent
742494	36	-	-	Ritirato/a Withdrawn

**Curriculum 7 - Economia, giurisprudenza e diplomazia spaziale / Economics, law and space diplomacy
4 posti coperti da borsa a tematica vincolata (+ 2 posti in soprannumero) / 4 positions covered by reserved
scholarships (+ 2 supernumerary positions).**

ID	Titoli / Qualifications /60	Orale / Interview /40	TOTALE/ Total score /100	IDONEITÀ BORSE VINCOLATE /reserved scholarships eligibility	ESITO / OUTCOME	Con riserva / Conditional *
740490	52	38	90	7B	Ammesso/a – borsa 7B Admitted – Scholarship 7B	
739098	50	38	88	7C (7D non idoneo/a; 7D not eligible)	Ammesso /a– borsa 7C Admitted – Scholarship 7C	
743713	50	36	86	7A (7C, 7D non idoneo/a; 7C, 7D not eligible)	Ammesso/a – borsa 7A Admitted – Scholarship 7A	
743806	43	38	81	7D	Ammesso/a – borsa 7D Admitted – Scholarship 7D	*
744811	53	37	90	(7A non idoneo/a; 7A not eligible)	Idoneo/a Eligible, not admitted	
737094	52	37	89	(7D non idoneo/a; 7D not eligible)	Idoneo/a Eligible, not admitted	
740221	55	33	88	7B (7D non idoneo/a; 7D not eligible)	Idoneo/a Eligible, not admitted	
743701	49	35	84	7B (7C, 7A non idoneo/a; 7C, 7A not eligible)	Idoneo/a Eligible, not admitted	
741156	44	37	81	7C (7A non idoneo/a; 7A not eligible)	Idoneo/a Eligible, not admitted	



743706	51	29	80	7D (7B, 7C non idoneo/a; 7B, 7C not eligible)	Idoneo/a Eligible, not admitted	
742873	49	30	79	7D	Idoneo/a Eligible, not admitted	
739189	45	33	78	7D (7A, 7B non idoneo/a; 7A, 7B not eligible)	Idoneo/a Eligible, not admitted	
737087	25	-	-	Non idoneo/a Not eligible		
743712	42	-	-	Assente Absent		

NB: I vincitori indicati “con riserva” dovranno conseguire il titolo di studio entro il 31 Ottobre 2024, e far pervenire **entro l’8 novembre 2024** alla Divisione Supporto Corsi di Dottorato e Alta Formazione – Polo Collina (phd.office-st@unitn.it) il **certificato di conseguimento del titolo**.

Successful candidates indicated as “conditional” are expecting to complete their degree **by October 31, 2024**, and they have to submit to the Science & Technology PhD Office (via email to: phd.office-st@unitn.it) **no later than November 8, 2024**, on penalty of exclusion, the **degree certificate**.

Posizioni e borse tematica vincolata

Positions and reserved scholarship

Curriculum	Posizioni e borse <i>Positions and scholarship</i>	Tema (Finanziatore) <i>Topic (Funded by)</i>
1 – Osservazione dell’Universo / Observation of the Universe	4	1A - Experimental study of the high energy cosmic radiation with space-based missions - Fondazione VITALITY - (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001) 1B - Combined Data Analysis for Space Missions - Scuola Internazionale Superiore di Studi Avanzati - SISSA Trieste 1C - Universe exploration, from planets and exoplanets to stars and galaxies – University of Padova (PNRR M4C1 Inv. 4.1 Dottorati per la Pubblica Amministrazione, CUP E66E24000210006) 1D - Multi-wavelength observations of Galactic and extragalactic compact objects and transients - University School for Advanced Studies IUSS Pavia
2 - Terra e sistema Sole-Terra / <i>Earth and the Sun-Earth system</i>	4	2A - Turbulence and Climate Change in the Mediterranean: Medicanes and Extreme Events - University of Calabria-Istituto Nazionale di Geofisica e Vulcanologia INGV 2B - Space weather and Sun-Earth interaction - SpaceItUp! (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001) 2C - Remote sensing for precision monitoring of vineyard diseases - University of Ferrara (PNRR M4C1 Inv. 3.4 Transizione Digitale, CUP E66E24000190005) 2D - ASI SPACE IT UP SPOKE 5 - Study of Lithosphere-Magnetosphere



Curriculum	Posizioni e borse <i>Positions and scholarship</i>	Tema (Finanziatore) <i>Topic (Funded by)</i>
		interactions using data from space borne e ground based instruments, a new tool for natural hazard mitigation – University of5G Trento (CUP E63C24000530003)
3 - Scienze planetarie / <i>Planetary Sciences</i>	3+1 1 posto in soprannumero / <i>supernumerary position</i>	3A - Theoretical and computational methods in Celestial Mechanics, Astrodynamics and Space Sciences - Istituto Nazionale di Alta Matematica Francesco Severi INdAM (CUP E53C24000960001) 3B - Internal processes and structure of Mercury - University “G. D’Annunzio” Chieti-Pescara (PNRR M4C1 inv. 4.1, Ricerca PNRR, CUP E66E24000200005) 3C - Analysis of planetary radar data with artificial intelligence methodologies – University of Trento (CUP F83C23000070005) non assegnata/ <i>not assigned</i> 3C - Analysis of planetary radar data with artificial intelligence methodologies – University of Trento (CUP F83C23000070005)
4 - Astrobiologia, Scienze della Vita e Medicina Spaziale / <i>Astrobiology, Life Sciences and Space Medicine</i>	5 1 posto senza borsa / <i>position without scholarship</i>	4A - Biotechnological Applications of Microalgae for Long-Duration Space Missions - University of Cagliari (PNRR M4C1 inv. 4.1 Pubblica amministrazione, CUP E66E24000210006) 4B - Molecular modifications induced by altered gravity in epithelial barrier integrity and evaluation of innovative countermeasures to mitigate its dysfunction - University of Pisa (PNRR M4C1 inv. 4.1 Ricerca PNRR, CUP E66E24000200005) 4C - Human Life Science and Space Medicine - Physiological and biological bases of space adaptations: quantitative approaches - University of Roma “Tor Vergata” 4D - Space Farming in microgravity - Thales Alenia Space Italia s.p.a. (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001) 4E - Astro-Pharmacology: the cure beyond Earth (and better on Earth) - University of Torino
5 - Sensoristica e strumentazione spaziale / <i>Space sensing and instrumentation</i>	7+1	5A - Development of rad-hard, single-photon detectors optimised for satellite missions and astroparticle physics experiments - Fondazione Bruno Kessler FBK 5B - Advanced integration of optical and RF spatial data using reduction algorithms, processing and data fusion - ARCA Dynamics (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001) 5C - Development of reconfigurable and intelligent RF active components and systems for space applications - RF Microtech (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001) non assegnata/ <i>not assigned</i> 5D - Photonics for space applications - National, Inter-University Consortium for Telecommunications CNIT 5E - Design and prototype characterization of innovative high energy particle detectors for space application - National Institute for Nuclear Physics INFN 5F - Study of synergies between CTA and space-based observatories for the exploration of the transient sky - University of Palermo 5G - ASI SPACE IT UP SPOKE 6 - Development of a particle detector for a CubeSat mission – University of Trento (CUP E63C24000530003) 5H - Development of high-performance microwave passive components for space applications - ASI (additional, published on 2/07/2024)
6 - Ingegneria e tecnologie delle piattaforme satellitari / <i>Engineering and satellite platform technologies</i>	11+1	6A - Radiation hard photonic integrated circuits for space applications - National Institute for Nuclear Physics INFN (Progetto PNRR_NQSTIS6, CUP I53C22001460006) 6B - Model-based system-software engineering and formal methods for space systems - Fondazione Bruno Kessler FBK - non assegnata/ <i>not assigned</i> 6C - Digital technologies for satellite communications and their integration in non-terrestrial networks - National, Inter-University Consortium for Telecommunications CNIT



Curriculum	Posizioni e borse <i>Positions and scholarship</i>	Tema (Finanziatore) <i>Topic (Funded by)</i>
		<p>6D - Metallic additive manufacturing advancements for aerospace innovation in microsatellites - Trentino Sviluppo S.p.A. - ProM Facility (PNRR M4C2 inv. 3.3 Dottorati Innovativi E66E24000000001) non assegnata/not assigned</p> <p>6E - Development of innovative mechatronic systems for scientific and technological payloads for space and exploration missions - OHB Italia (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>6F - Navigation techniques based on satellite signals and image processing images - QAscom (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>6G - FPGA based Large scale interferometry, ultra precise synchronization - SANITAS E.G (PNRR M4C2 inv. 3.3 Dottorati Innovativi, E66E24000000001) non assegnata/not assigned</p> <p>6H - Development of millimetre/sub-millimetre-wave components for Space payloads through Advanced Manufacturing - National Research Council CNR</p> <p>6I - Deep Learning techniques for inverse problem in imaging - Fasternet S.r.l. (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>6L - Optical Fiber Sensor Systems for Space Applications, Infibra Technologies S.r.l. (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>6M - ASI SPACE IT UP SPOKE 5 – Artificial Intelligence and machine learning for the analysis of multisensory and multitemporal Earth observation data – University of Trento (CUP E63C24000530003)</p> <p>6N - Development of an anechoic chamber digital twin for the prediction of antennas for space applications radiation measurements - Thales Alenia Space Italia (additional, published on 2/07/2024)</p>
7 - Economics, law and space diplomacy	3+1 2 posti in soprannumero / supernumerary positions	<p>7A - GeoBlockchain applications in the space economy ecosystem - University of Bari</p> <p>7B - Industrial aerospace and intellectual property - Thales Alenia Space Italia s.p.a. (PNRR M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>7C - Understanding the impact of climate change on security and defense services in the space industry - Geoville Information Systems and Data Processing GmbH (M4C2 inv. 3.3 Dottorati Innovativi, CUP E66E24000000001)</p> <p>7D - Back to the future. A transdisciplinary pilot PhD Program of Space Diplomacy analyst for ASI, from the operational history to the preservation and dissemination of Archives - ASI (additional, published on 2/07/2024)</p>

Trento, 29 Agosto 2024 / August 29th 2024