

Preliminary Program - ESA/GTTP 2021 – Space Careers

DAY 1 -ESA - 25/10/2021		
Times (CEST)	Topic	Speaker
10:00 - 10:15	Welcome and Introduction to the Team	Team
10:15 - 10:45	Ice breaker	Team
10:45 - 11:45	Introduction to ESA and their Centers/ Teams	Markus Kissler- Patig (ESA)
11:45 - 11:55	Pause	
11:55 - 12:55	Hands-on activity "Discovering space in our daily lifes"	Rosa Doran (NUCLIO)
12:55 - 13:00	Wrap-up	Team
13:00 - 14:30	Lunch break	
14:30 - 14:45	Warm-up "Who is who?"	Beatriz González (CESAR)
14:45 -15:15	What kind of careers are in Space Exploration?	Javier Delgado, Katarzyna Osuch (ESA)
15:15 - 15:45	Introduction to DiSTARS storytelling platform	Gustavo Rojas (NUCLIO)
15:45 -16:15	What is like to be an astronaut?(story telling)	TBD
16:15 - 16:45	What is like to be at the ESA medical department?(story telling)	TBD
16:45 - 17:00	Teachers feedback	Team
17:00	End of the day	

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DAY 2 - OPERATIONS - 26/10/2021		
Times (CEST)	Topic	Speaker
10:00 - 10:15	Warm-up	Rosa Doran (NUCLIO)
10:15 - 11:00	ESA scientific missions	Gaitee Hussain (ESA)
11:00 - 11:40	Hands-on session "Design a mission to Mars"	Beatriz González (CESAR)
11:40 - 11:50	Pause	
11:50 - 12:50	What is like to be an ESA Mission Manager? (story telling)	Jorge Vago (ESA)
12:50 - 13:00	Wrap-up	Team
13:00 - 14:30	Lunch break	
14:30 - 14:45	Warm-up	Rosa Doran (NUCLIO)
14:45 - 15:45	Hand-on session "Plan an observation with a robotic telescope"	Nayra Rodriguez (IAC)
15:45 - 16:45	What is like to be a software developer at ESA?(story telling)	TBD
16:45 - 17:00	Teachers feedback	Team
17:00	End of the day	

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DAY 3 - SCIENCE - 27/10/2021		
Times (CEST)	Topic	Speaker
10:00 - 10:15	Warm-up	Rosa Doran (NUCLIO)
10:15 - 10:50	Introduction to ESASky	Beatriz González (CESAR)
10:50 - 11:40	Hands-on session "In search of our origins"	Beatriz González, Marina Cano (CESAR)
11:40 - 11:50	Pause	
11:50 - 12:20	Hands-on session "The Gaia sky survey"	Fraser Lewis (Faulkes Telescope)
12:20 - 12:50	Hands-on session "The FT archives"	Fraser Lewis (Faulkes Telescope)
12:50 - 13:00	Wrap-up	Team
13:00 - 14:30	Lunch break	
14:30 - 14:45	Warm-up	Rosa Doran (NUCLIO)
14:45- 15:45	Get to know an astrophysicst (story telling)	Gustavo Rojas (NUCLIO)
15:45 - 16:45	Introduction to salsaJ	Rosa Doran (NUCLIO)
16:45 - 17:00	Teachers feedback	Team
17:00	End of the day	

DAY 4 - COLLABORATIONS - 28/10/2021		
Times (CEST)	Topic	Speaker
10:00 - 10:15	Warm-up	
10:15 - 10:50	The importance of collaborations among Agencies	Paul McNamara (ESA)
10:50 - 11:40	Collaborations among ESA missions	TBD
11:40 - 11:50	Pause	
11:50- 12:20	Collaborations in Planetary Defense	Luca Conversi (ESA)
12:20- 12:50	Astroid Impact calculator	Fraser Lewis (Faulkes Telescope) Gustavo Rojas (NUCLIO)
12:50 - 13:00	Wrap-up	Team
13:00 - 14:30	Lunch break	
14:30 - 14:45	Warm-up	Rosa Doran (NUCLIO)
14:45 - 15:45	Hand-on session "Learn how to process your own data "	Rosa Doran (NUCLIO) Nayra Rodriuguez (IAC)
15:45 - 16:45	Hands-on session "In search of the non-detected matter"	Beatriz González, Sergio Manthey (CESAR)
16:45 - 17:00	Teachers feedback	Team
17:00	End of the day	

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DAY 5 - EDUCATION - 28/10/2021		
Times (CEST)	Topic	Speaker
10:00 - 10:15	Warm-up	Rosa Doran (NUCLIO)
10:15 - 11:00	Introduction to ESA Education	TBD
11:00 - 11:30	Introduction to ESA Academy	Joost Vanreusel (ESA)
11:30 - 11:40	Pause	
11:40 - 12:10	Introduction to innovative methodologies for learning	Rosa Doran (NUCLIO)
12:10 - 12:40	Introduction to the CESAR Team	Gaitee Hussain (ESA)
12:40- 13:00	Introduction to the CESAR Space Science Experiences	Beatriz González (CESAR)
13:00 - 14:30	Lunch break	
14:30 - 14:45	Warm-up	Rosa Doran (NUCLIO)
14:45 - 15:45	Introduction to Space Exploration Educational Kits (DiSTARs, OurSpace, LasCIL, etc)	Rosa Doran (NUCLIO)
15:45 - 16:15	Introduction to the National Schools Observatory and Faulkes Telescope	Fraser Lewis (Faulkes Telescope)
16:15 - 16:45	Introduction to the IAC projects (PETeR)	Nayra Rodriguez (IAC)
16:45 - 17:00	Teachers feedback and closing	Team
17:00	End of the day	