

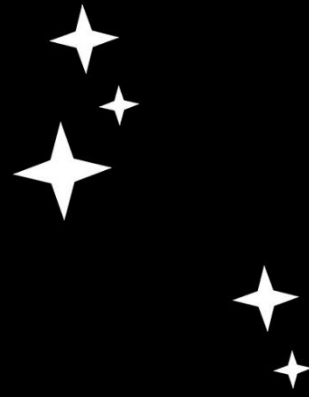
VIII INTERNATIONAL SUMMER SCHOOL

**AEACI2022** JULY 24-29

**ASTRONOMY**  
EDUCATION ADVENTURE  
IN THE CANARY ISLANDS

# ASTRONOMY for SUSTAINABLE DEVELOPMENT

La Laguna, TENERIFE / ONLINE



## AEACI 2022 colour coding

Lectures
Workshops and practical activities
Training visits
Warm-ups
Breaks

## PROGRAMME

Sunday July 24

IACTEC

WEST	Activity	Lecturer
17:30 - 18:30	Ice Break – Meet and Greet	
18:30 - 19:30	Welcome to the IAC	Nayra Rodríguez
19:30 – 20:30	Welcome Cocktail	

## Monday July 25 “Astronomy for sustainable development”

### IACTEC

WEST	Activity	Lecturer
9:00 – 10:00	AEACI 2022 “Astronomy for Sustainable Development”	IAC Director / Vice-Director IACTEC Director Nayra Rodríguez Rosa Doran
10:00 – 11:00	Innovative methodologies for education	Rosa Doran
11:00 – 11:30	Coffee break	
11:30 – 12:30	The message of light	Nayra Rodríguez
12:30 – 14:15	Lunch break	
14:15 - 14:30	Warm-up	
14:30 – 16:30	Introduction to image processing with the LaSciL project	Rosa Doran Fraser Lewis
16:30 - 17:00	Feedback and Q&A	

## Tuesday July 26 “Astronomy for the new generations”

### IACTEC

WEST	Activity	Lecturer
9:00 – 10:00	Robotic telescopes: Faulkes Telescope Project, NSO	Fraser Lewis
10:00 - 11:00	PETeR: Robots looking to the future	Nayra Rodríguez Irene Puerto
11:00 – 11:30	Coffee break	
11:30 – 12:30	Our place in the Universe: historical overview	Irene Puerto
12:30 – 14:15	Lunch break	
14:15 - 14:30	Warm-up	
14:30 – 16:30	Researching our place in the Universe with PETeR	Nayra Rodríguez
16:30 - 17:00	Feedback and Q&A	

## Wednesday July 27 “Astronomy for planet Earth”

### IACTEC

WEST	Activity	Lecturer
9:00 – 10:00	Down2Earth Workshop - Meteorites, Comets and Impacts	Fraser Lewis
10:00 - 11:00	DRAGO: Canary Islands and Earth from space	Xana Delpueyo
11:00 – 11:30	Coffee break	
11:30 – 12:30	Visit to IACTEC facilities	Irene Puerto
12:30 – 14:15	Lunch break	
14:15 - 14:30	Warm-up	
14:30 - 15:30	Introducing the CESAR project	Sandra Benítez
15:30 – 16:30	Studying Earth from space with the ESA Sentinel Mission	Juan Ángel Vaquerizo
16:30 - 17:00	Feedback and Q&A	

## Thursday July 28 “Astronomy for future homes”

### IACTEC

WEST	Activity	Lecturer
9:00 – 10:00	Are there other habitable worlds?	Felipe Murgas
10:00 - 11:00	Planning and requesting observations with robotic telescopes	Nayra Rodríguez Fraser Lewis
11:00 – 11:30	Coffee break	
11:30 – 12:30	NUCLIO's projects	Gustavo Rojas Rosa Doran
12:30 – 14:15	Lunch break	
14:15 - 14:30	Warm-up	
14:30 - 15:30	CLiC-PoLiT in Action - Building a spectroscope	Gustavo Rojas Rosa Doran
15:30 – 16:30	Using spectroscopy to investigate our and other atmospheres	Irene Puerto Nayra Rodríguez
16:30 - 17:00	Feedback and Q&A	

## Friday July 29 “Sky Quality and Access to Starlight”

### IAC Headquarters

WEST	Activity	Lecturer
10:00 - 10:45	Journey through the Universe with ESA-Sky	Sandra Benítez
10:45 – 11:30	Light pollution and its effect for life on Earth	Miquel Serra
11:30 – 12:30	Visit to the IAC Headquarters	Nayra Rodríguez
12:30 – 14:30	Lunch break	
15:00 - 16:00	Trip to Teide Observatory	
16:30 – 23:00	Visit and workshops at Teide Observatory	Nayra Rodríguez Irene Puerto
23:00 - 00:00	Trip back to La Laguna	

## OPTIONAL

## Saturday July 30 “One of the best skies in the world”

### La Palma

WEST	Activity	Lecturer
10:00 – 20:30	Visit to the Roque de los Muchachos Observatory	Nayra Rodríguez Irene Puerto