



FRONTIERS

e-Winter School

29th – 31st January and 5th – 7th February 2021

WELCOME ALL!



Erasmus+

This project is funded by the European Union.



ELLINOGERMANIKI AGOGI



NUCLIO EGO EUROPEAN GRAVITATIONAL OBSERVATORY



IASA



	29 Jan.	30 Jan.	31 Jan.	5 Feb.	6 Feb.	7 Feb.
CET zone						
10.00 – 11.30		Module 1 - Gravitational Wave Astronomy	Module 3 - Astrophysics and Cosmology		Best practices from FRONTIERS teachers	Working groups presentations
11.30 – 12.30					Working groups with mentors	
12.30 – 15.00		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
15.00 – 16.00	Welcome to the winter school and introduction to FRONTIERS	Module 2 - High Energy Physics	Module 4 - Astroparticle Physics	Working groups with mentors	Working groups with mentors	Working groups presentations and final remarks
16.00 – 17.00						
17.00 – 17.30	School overview and Modules outline	Virgo virtual visit		Pierre Auger Observatory virtual visit		
17.30 – 18.00						
18.00 – 18.30	CERN virtual visit					
18.30 – 19.00						

Winter School organisation

- **Modules:** Open on Zoom to all registered participants – unique Zoom link.
- **Working Groups:** Selection of **46** teachers to work on new pedagogical material based on Modules (dedicated Zoom links will be provided).
- **Virtual Visits:** 29th Jan / 30th Jan / 5th Jan. Open to the general public (students especially welcome!)
 - direct contact with scientists on Zoom for school participants.
 - Broadcast live for everyone on the FRONTIERS Facebook page:
[facebook.com/frontierseu](https://www.facebook.com/frontierseu)



« Modules » schedule

	29 Jan.	30 Jan.	31 Jan.	5 Feb.	6 Feb.	7 Feb.
CET zone						
10.00 – 11.30		Module 1 - Gravitational Wave Astronomy	Module 3 - Astrophysics and Cosmology		Best practices from FRONTIERS teachers	Working groups presentations
11.30 – 12.30						
12.30 – 15.00		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
15.00 – 16.00		Module 2 - High Energy Physics	Module 4 - Astroparticle Physics			Working groups presentations and final remarks
16.00 – 17.00	Welcome to the winter school and introduction to FRONTIERS					
17.00 – 17.30	e-Winter school overview and Modules outline	Virgo virtual visit		Pierre Auger Observatory virtual visit		
17.30 – 18.00						
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18.30 – 19.00						

Working Groups schedule

	1 Feb.	2 Feb.	3 Feb.	4 Feb.	5 Feb.	6 Feb.	7 Feb.
CET zone							
10.00 – 11.30						Best practices	Working groups presentations
11.30 – 12.30						Working groups with mentors	
12.30 – 14.00		Lunch break	Lunch break		Lunch break	Lunch break	Lunch break
14.00 – 15.00		GW Office hour	GW Office hour	GW Office hour			
15.00 – 16.00		APP Office hour	APP Office hour			Working groups with mentors	Working groups presentations and final remarks
16.00 – 17.00	HEP Office hour		HEP Office hour		Working groups with mentors		
17.00 – 18.00				GW – Gravitational Wave Astronomy HEP – High Energy Physics AP&C – Astrophysics and Cosmology APP – Astroparticle Physics			
18.00 – 19.00	AP&C Office hour		AP&C Office hour				