

BLENDED INTENSIVE PROGRAMME PLAN

GENERAL INFORMATION				
Course title: (CERAMUG) Course on Environmental Radiation Measurements using Gamification				
Dates for physical activity: 27/02/2024 TO 01/03/2024				
Proposed period for virtual component: End of March 2024				
Location of physical activity: UBI – COVILHÃ				
Target audience / Participant profile: Bachelor's students Master students				
No. of ECTS issued : 3				
Language of instruction and requirements: ENGLISH				
Organizing board :				
Host university	BELGIUM	ITALY	CZECH R.	SPAIN
UBI	UHASSELT HE2B	UMILANO	CTU	UPV
PROGRAM				
Title: CERAMUG				
Short description:				

The students, of different partners, will have lectures about SDGs and will work together, in group, at distance. Afterwards, during the face-2-face, they will measure environmental radioactivity with different detectors will have to use gaming tools to communicate their group work to the other students.

Proposed schedule:

Sunday 25 th February	Monday 26 th February	Tuesday 27 th February	Wednesday 28 th February	Thursday 29 th February	Friday 1 st March
	8:00 am Breakfast @UBIMedical	7:30 am Breakfast @UBIMedical	8:00 am Breakfast @UBIMedical	8:00 am Breakfast @UBIMedical	8:00 am Breakfast @UBIMedical
	9 am •Welcome •Introduction to the course •Time to Questions & Feedback	8:30 am Trip to Coimbra (to be confirmed)	9 am Preparing field trip /water sampling	9 am work@ Lab	10 am Lecture: Jose Luis Gutierrez Villanueva - Radonova
Arrival in Covilhã	9:30 am Lecture: •GIS (hotspots)	11 am Visit to LRN (to be confirmed)	10 am Presentation of SDG's tasks		
Travel from the airport by Bus	2 pm Lectures: •Lurdes Dinis - IAEA •José Amoreira - History of the region •Caroline Licour - Finding ¹³⁷ Cs	2 pm Visit to ICNAS (to be confirmed)	Lunch 2 pm Field trip by bus • Casteleiro/4 ^a Feira/Bendada (Sampling) • Águas Radium (old SPA)	2 pm •work@ Lab •Preparation of the presentations	2 pm • Final presentations • Evaluation
	6 pm Free time	6 pm Arrival in Covilhã	5 pm Back to Covilhã		
	7 pm Social event	6 pm Free time	6 pm Free time	6 pm Free time	7 pm Farewell drink

Learning/teaching/training

Training module: Environmental measurements: this module will include:

Groups with students of the four partners will work together.

Online training

The importance of SDGs in Nuclear Physics

Students must learn and prepare a presentation using the new escape room tools.

Objectives:

Show and communicate the importance of experimental activities in environmental radioactivity and promote the acquisition of experimental skills.

Invited guests/speakers/experts (if any):

APPLICATION PROCEDURE

Requirements:

How to apply :