

Dear NUCLIO Community,

Registrations are now open for the **2025 Summer Schools and Courses**, focusing on digital skills development, astronomy, space exploration, sustainability, STEAM learning, and much more!

Join us to explore new teaching methodologies, access innovative resources, and connect with educators from around the world. Don't miss the opportunity to transform education in your school!

Apply now and be part of this unique educational journey!

Discover our 2025 Summer Schools!

Marathon or Sesimbra – these unique experiences are waiting for you!



Date: July 13 - 18, 2025
Location: Sesimbra, Portugal

[Register here](#)



GEO-Academy

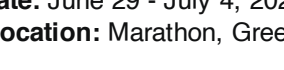
The GEO-Academy Summer School aims to create a European teacher training network (GEO-Hub), providing free and accessible resources while enhancing **digital, spatial, and green skills**.

Through innovative pedagogical approaches, GEO-Academy prepares educators to integrate **Geographic Information Systems (GIS), Earth Observation (EO), Remote Sensing (RS), and Geospatial Digital Storytelling** into schools for teaching sustainable development.



Date: June 29 - July 4, 2025
Location: Marathon, Greece

[Register here](#)



OpenTeach C-HUB

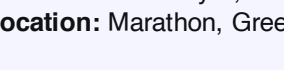
The **Open Teach C-Hub** summer school fosters **Open Education** by promoting the creation and use of digital educational content through teacher collaboration and sharing best practices.

It empowers educators to confidently co-design, co-create and co-evaluate **OERs** using effective digital and blended learning strategies. It will enhance teachers' **digital competencies**, enabling them to enrich curricula with high-quality, inclusive and personalised content, while ensuring technology is used effectively in teaching, learning and assessment.



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[Register here](#)



Synapses

The International Development Course **SYNAPSES** promotes continuous teacher training focused on **sustainability and responsible citizenship**. It provides resources to create innovative lessons, develop curricula on the environment and climate change, strengthen collaboration networks, and integrate interdisciplinary approaches with the support of the scientific community.

The **course is accredited** by the University of Bayreuth and supported by the European Physical Society, the Association of Biologists of European Countries, and the European Association of School Directors.



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Astro-Journeys

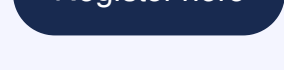
The **Astro-Journeys** summer course aims to enhance the digital skills of educators and students, preparing them to implement the project in classrooms. It offers an interdisciplinary learning experience through an **AI-supported platform**, where both educators and students collaborate to shape a **unique astronomic journey** for each learner.

The goal is to create a European network that provides training and **professional development** for teachers, equipping them with **innovative strategies**, enabling collaboration with peers from other countries, and strengthening the Astro-Journeys community.



Date: July 6 - 11, 2025
Location: Marathon, Greece

[Register here](#)



StAnD

The **STAND** course, developed within the "Students as Planetary Defenders" project, aims to equip teachers with STEAM activities on **meteors, asteroids, and Earth's Planetary Defense**.

It provides resources and support for classroom implementation, allowing students to explore these **small bodies of the Solar System** – from their origin to their impact on Earth and the resulting meteorites.



Date: July 6 - 11, 2025
Location: Marathon, Greece

[Register here](#)



Discovery Space

The Discovery Space course introduces participants to the concept of an **AI-supported Deep Learning Classroom in STEM education**.

It focuses on inquiry-based learning and problem-solving, integrating an AI conversational agent to provide personalized feedback to students.

The **course is accredited** by the University of Bayreuth and supported by the European Physical Society and the Institute of Communications and Computer Systems at the National Technical University of Athens.



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Location: Marathon, Greece

[Register here](#)



EXPLORE

The **EXPLORE** course, part of the "EXpeditionary Program for Learning Opportunities in Analog Space Exploration" project, empowers teachers with **STEM activities on space exploration**.

It provides resources and support for classroom implementation, encouraging the creation of educational materials. **Students will co-create and carry out an analogue mission to explore Mars**, developing their collaboration, creativity, and digital skills.



Date: July 6 - 11, 2025
Location: Marathon, Greece

[Register here](#)



L-STEAM

This project promotes the **integration of theatre and music into STEAM education**, making learning more engaging. The initiative supports teachers in creating innovative, competency-based strategies, preparing them to implement STEAM activities in real school contexts.

The L-STEAM Summer School offers **hands-on training** to empower educators in adopting this educational approach, contributing to the transformation of school curricula across Europe.

Join this unique experience!

The European Space Agency and the Galileo Teacher Training Program are joining forces once again to offer teacher training opportunities.



ESA-GTTP 2025 – Sun and Eclipses

Date: July 21-25, 2025
Location: European Space Astronomy Center (ESAC), Villafraanca del Castillo, Madrid, Spain
Format: Hybrid (in-person or online) - course in English

The **ESA-GTTP 2025**, focused on the theme "**Sun and Eclipses**," will explore our star and the upcoming solar eclipses visible in the **Iberian Peninsula** in 2026, 2027, and 2028.

ESAC, ESA's gateway to the Universe, will welcome teachers from around the world to a hybrid course (in-person or online), combining expert lectures and hands-on workshops. Participants will learn how to develop student projects using scientific data from ESA missions.

[Register here](#)

All information about the course, including registration, costs, funding opportunities, programme, and more can be found at: [ESA-GTTP 2025 – Sun and Eclipses](#).

NUCLIO offers various projects available for participation throughout the entire academic year.

See all the projects here and join us!

[Fill in this form!](#)

Don't miss this opportunity to make a difference and become part of something amazing!