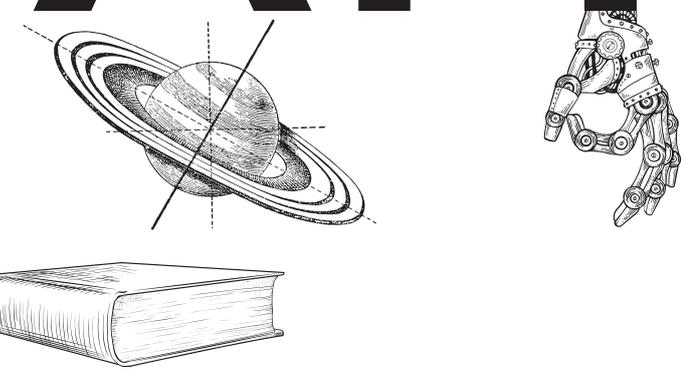


EUGENIDES FOUNDATION

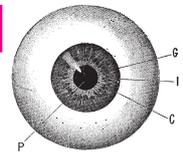


PROGRAM

ME



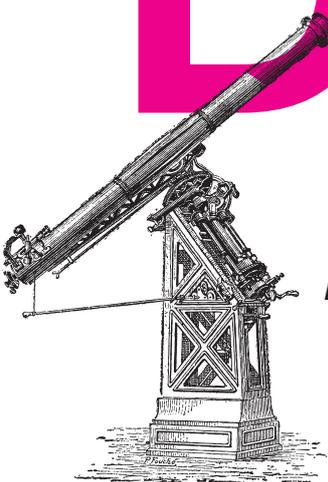
SCHEDULE



DULE



October 2022



Eugenides Foundation



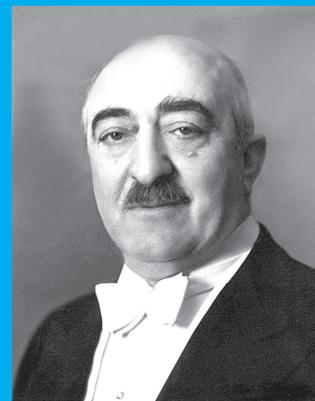
eef.edu.gr



EUGENIDES FOUNDATION

The Eugenides Foundation is an independent, non – profit foundation with a mission to enhance the scientific, technological and technical education of the Greek youth and to promote science and technology to the general public.

The function of the fully renovated Eugenides Foundation is based on the following main activities:



Eugene Eugenides

1

Scholarships for students in scientific and technical fields

2

Publishing activities in the fields of maritime, vocational and technical education

3

The New Digital Planetarium, one of the largest and best equipped digital planetariums in the world, presenting digital shows and large format films

4

The new Science and Technology Centre, extends within three floors and comprises of 57 interactive exhibits and specially equipped areas for labs, demonstration of experiments and lectures

5

A library, with multimedia applications and distance learning technology

6

A modern Conference Centre

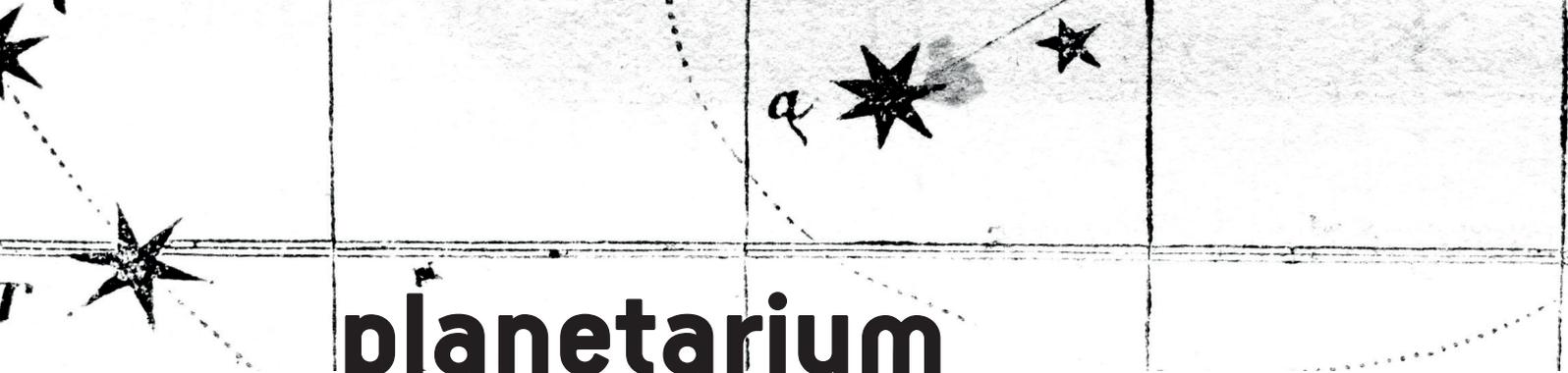
7

Collaboration with scientific and educational institutions from Greece and abroad

8


UTech Lab

The UTech Lab, a creative laboratory for young people dedicated to modern technologies



planetarium

The New Digital Planetarium of Eugenides Foundation is one of the largest and best planetariums in the world!

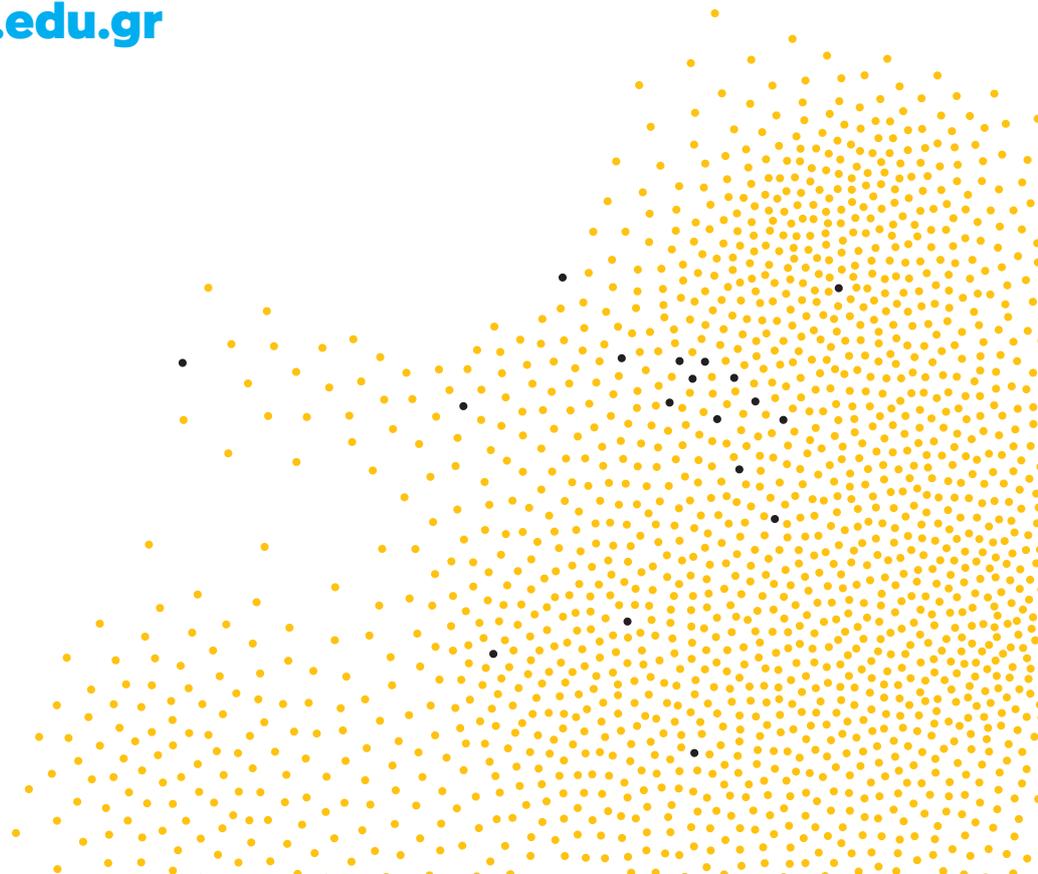
Its main mission is to further educate and familiarize the students and the general public with the fields of astronomy, astrophysics and space science. The New Digital Planetarium attracts more than 250.000 visitors yearly. On its giant hemispheric dome of 24,5 m in diameter and a total surface of 900 m², the audience enjoys a magical journey in knowledge. A truly thrilling experience.

The New Digital Planetarium follows up on a regular basis on all advancements in technology and systematically upgrades its hardware.

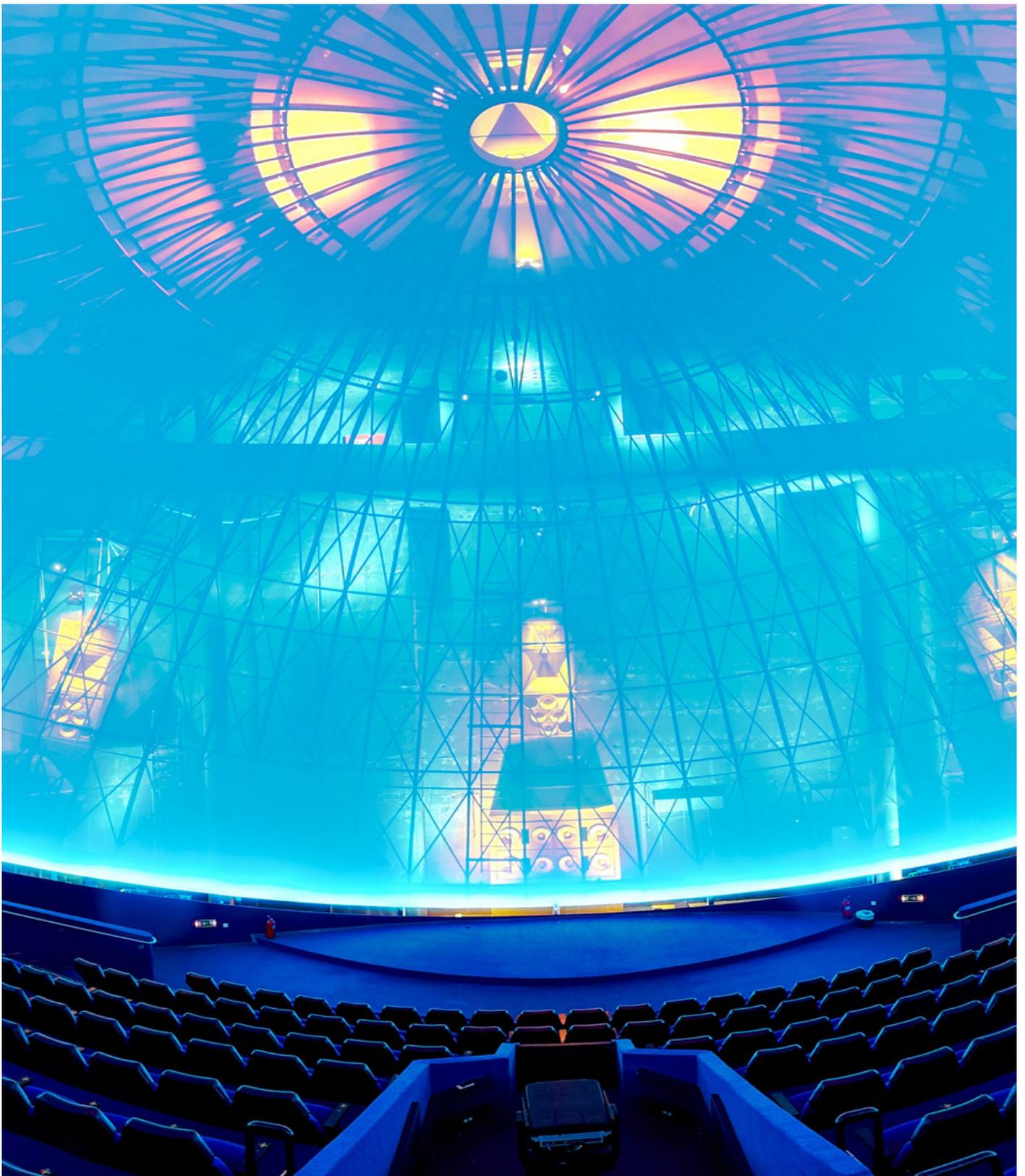
We welcome you to a fascinating journey of exploration from our Solar system to the edge of the Universe.

Come touch the stars with us!

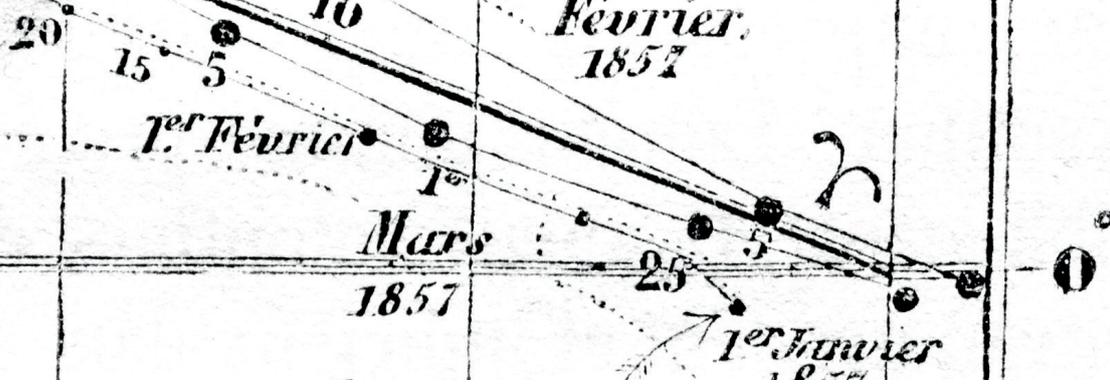
www.eef.edu.gr



planetarium



p



Magic Globe

Planetarium show for children

"Magic Globe" has a clear educational structure with all science-related topics broken down into manageable chunks and naturally woven into the storyline. It allows children to learn new concepts while following the story, which makes it perfect for mixed-ability audiences.



Ticket pricing: 6€ regular, 4€ reduced
Duration: 28 minutes / Age: 5+

Lucia

Planetarium show for children

Vladimir, a polar bear and James, a penguin, travel into space aboard the Polaris to study polar auroras. Hit by a meteorite, they crash at the foot of a pre-Columbian pyramid and meet Lucia, a hummingbird who is passionate about rocks. Meteorites, shooting stars, intrigue them all.

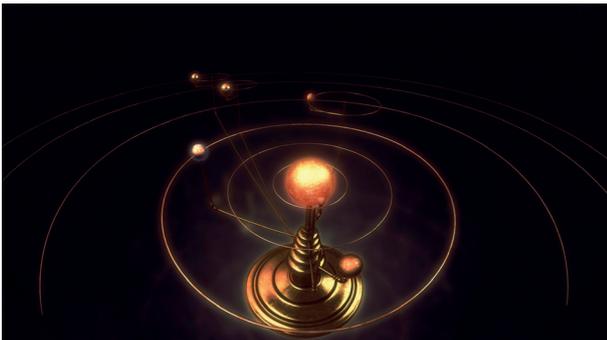


Ticket pricing: 6€ regular, 4€ reduced
Duration: 30 minutes / Age: 5+

The Centre of the Cosmos

Planetarium show

From ancient Babylon to ancient Greece and from the Heliocentric model of Copernicus to the expansion of the Universe, this show narrates the fascinating tale of the continuous displacement of Earth, and hence of mankind, from the centre of the Cosmos.



Ticket pricing: 6€ regular, 4€ reduced
Duration: 40 minutes / Age: 10+

Life in the Universe

Planetarium show

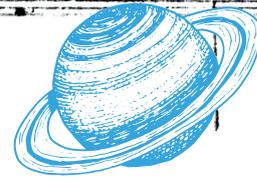
Starting with the origin and evolution of life on our planet, the show focuses on the planets and the moons of our Solar System that are more likely to host microbial life, as well as on the key methods used by astronomers for the detection and study of an exoplanet.



Ticket pricing: 6€ regular, 4€ reduced
Duration: 40 minutes / Age: 10+

p

Equateur



Space Storms & the Polar Aurora

Planetarium show

Get to know with the most impressive and violent weather phenomena. From the winds on Neptune, blowing at 2,000 km/h, to the mighty hurricane on Jupiter that could swallow at least two planets the size of Earth, this show will remind us that we are indeed lucky to live on Earth!



Ticket pricing: 6€ regular, 4€ reduced
Duration: 40 minutes / Age: 10+

Dinosaurs of Antarctica

Dome Film

Dinosaurs of Antarctica tells the story of a changing environment at the bottom of the world where dinosaurs and prehistoric creatures once roamed freely in a lush landscape.



Ticket pricing: 8€ regular, 5€ reduced
Duration: 40 minutes / Age: 6+

The Red Planet

Planetarium show

How did Mars lose its water? Did microbes appear on Mars, when the planet was more hospitable to life? The exploration of the red planet continues and eventually the first astronauts will walk on its surface.



Ticket pricing: 6€ regular, 4€ reduced
Duration: 40 minutes / Age: 10+

The Story of Earth

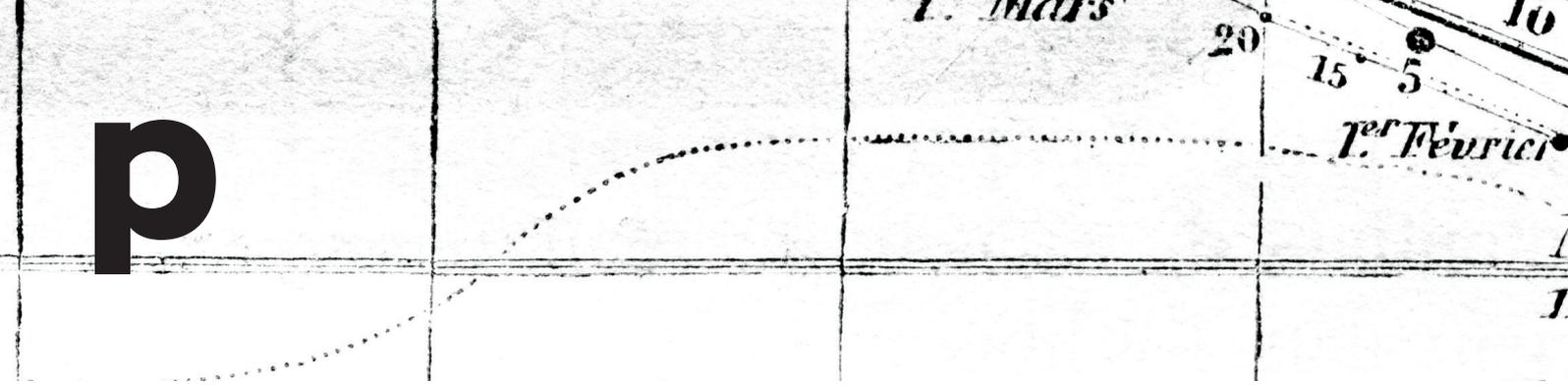
Planetarium show

Even though we have learned much, our efforts to expand our knowledge for the birth and evolution of our Solar system continue. Join us on a fascinating journey through time to discover the history of Earth.



Ticket pricing: 6€ regular, 4€ reduced
Duration: 40 minutes / Age: 10+

p



Vagabonds in the Solar System

Planetarium show

From the Asteroid Belt to the Kuiper Belt, astronomers have launched several space missions for the exploration of these celestial objects, in an effort to answer important questions, related to the birth of the Solar System, the origin of Earth's water and the presence of the first complex organic molecules, that proved so crucial to the emergence of life on our planet.



Ticket pricing: 6€ regular, 4€ reduced

Duration: 40 minutes / Age: 10+

Scheduled shows October 3 to 30 | 2022

Hours	M	T	W	Th	F	Sat	S
9:15		mg*	lu*	mg*			
9:30	cc*				cc*		
10:15		cc*	cc*	cc*			
10:30						mg	mg
10:45	lu*				lu*		
11:30		cc*	cc*	cc*		lu	lu
11:45	mg*				mg*		
12:30						mg	mg
12:45	cc*	cc*	cc*	cc*	cc*		
13:30						se	se
14:00	cc*	fs*	fs*	fs*	cc*		
14:45						cc	sa
15:15	cc*	cc*	cc*	cc*	cc*		
16:00						lu	lu
17:00			mg	lu	mg	mg	mg
18:00			da	da	da	da	da
19:15			vs	rp	lu	se	se
20:30			da	da	da	da	da

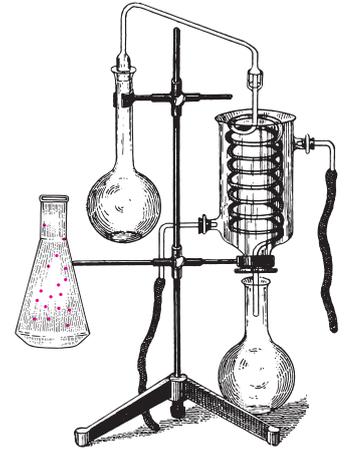


- mg** Magic Globe (C)
- lu** Lucia (C)
- cc** The Centre of the Cosmos
- fs** The Future in Space
- vs** Vagabonds in the Solar System
- lu** Life in the Universe
- rp** The Red Planet
- se** The Story of Earth
- sa** Space Storms & the Polar Aurora
- da** Dinosaurs of Antarctica

The program and the terms of participation may be modified. Please check www.eef.edu.gr for the latest schedule. Planetarium will remain closed on October 28.

(C) for children * only for schools

stc



SCIENCE AND TECHNOLOGY CENTRE

Revealing the beauty of Science, Mathematics and their applications, this hands-on experience will ignite your curiosity and inspire you to see the everyday world in new and exciting ways.

// Exhibits

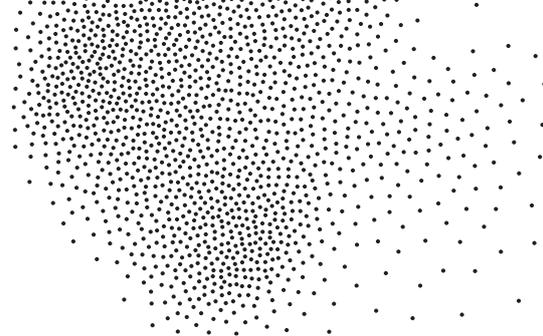
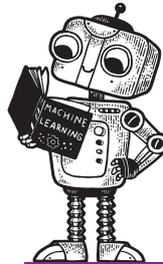
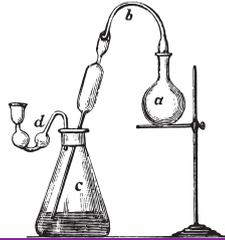
Interactive Physics, Chemistry, Biology, Mathematics, Computer Science and Robotics exhibits

Introduce yourself to the world of science and modern technology through a journey of exploration, experimentation and observation. Two floors with 57 interactive exhibits are ready to take you through a journey across natural sciences.

The interactive exhibits offer people the opportunity to become familiar with Science and Technology and begin to gain some understanding by controlling laboratory apparatus and machinery. Visitors of all ages can conduct experiments, gather data, select options, form conclusions, provide input and are thus given the opportunity to observe, explore and get a hands-on experience of basic scientific principles, as well as up-to-date technological achievements.



stc



// Workshop in our premises*

- 1 Introduction to the micro:bit**
Create, learn and code with micro:bit!
Ages: 10-12

// Workshop online*

- 1 Programming Sawyer, a robotic arm**
Can you program Sawyer to solve the famous "Tower of Hanoi" puzzle?
Ages: 14-18

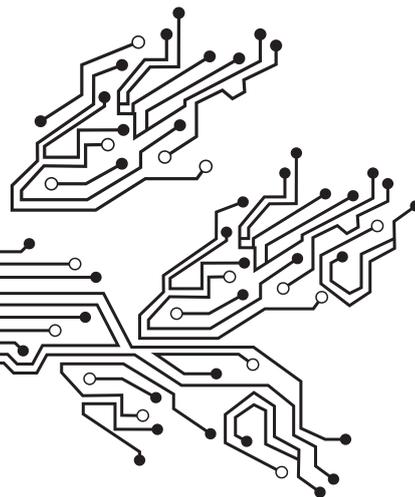
All programmes are conducted in the Greek language.

* Registration is required (Tel: 210 9469641, Monday to Friday: 9:30-16:30)

** The issuance of an eticket is required: <https://eticket.eef.edu.gr/>

// Experiments in our premises**

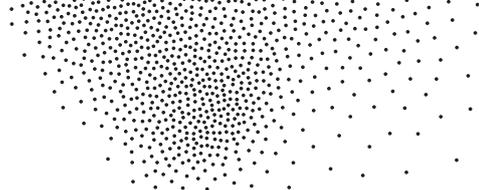
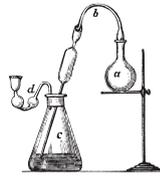
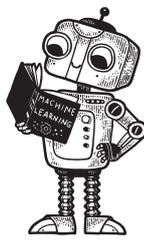
- 1 Young Scientists - Discovering light and colors**
Science for all ages!
Ages: 5-9
- 2 Physics, Music & Mathematics**
Through amazing experiments, discover the relation among music, physics and mathematics!
Ages: 12+



// Program schedule

	online	Physical presence	October	hours
Exhibits			Saturday & Sunday	11:00-19:00*
Workshops				
Introduction to the micro:bit			15, 22, 29 2, 9	12:30 - 14:00 16:00 - 17:30
Programming Sawyer, a robotic arm			16, 23, 30	16:00 - 18:00
Experiments				
Young Scientists - Discovering light and colors			2, 9, 16, 23, 30	12:15 - 13:15
Physics, Music & Mathematics			1, 8, 15, 22, 29	17:00 - 18:00

*Last entrance at 17:00



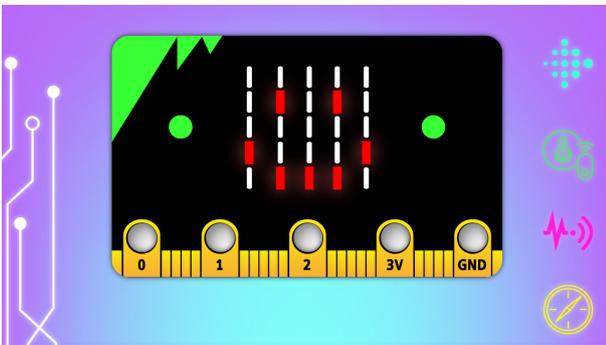
// Workshop in our premises

1

Introduction to the micro:bit

Create, learn and code with micro:bit!

What do you know about the micro:bit? How could we use it to make a step-counter or a night light or even a compass, or the well-known rock-paper-scissor game? In this workshop, we are going to learn about a pocket size computer named micro:bit. We will learn how software and hardware come together and how we can build and program several projects.



For ages: 10-12 years old

// Workshop online

1

Programming Sawyer, a robotic arm

Can you program Sawyer to solve the famous "Tower of Hanoi" puzzle?

In this series of four workshops, participants will learn more details about the Sawyer arm as well as how they can program it remotely in Python while using the Skype platform.



For ages: 14-18 years old

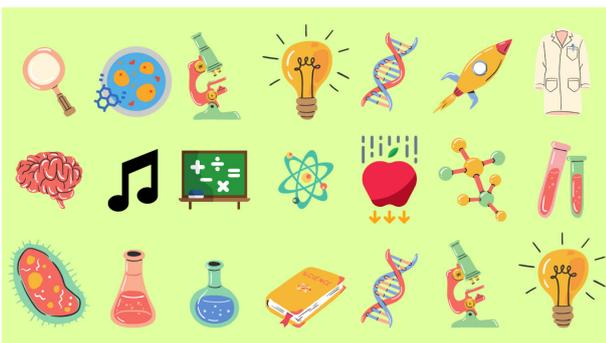
// Experiments in our premises

1

Young Scientists - Discovering light and colors

An impressive experience of light and colors!

Join us in an amazing science show to discover the secrets of light and colors!



For ages: 5-9 years old

2

Physics, Music & Mathematics

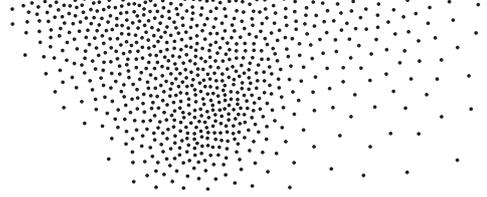
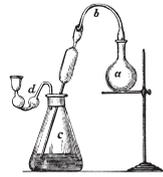
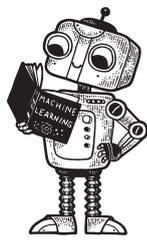
Through amazing experiments, discover the relation among music, physics and mathematics!

By performing amazing experiments, we will discover the exciting but also fundamental relationship between music, physics and mathematics.



For ages: 12+ years old

stc



utl



UTech Lab

Hands-on Learning! The UTech Lab is a creative laboratory for young people dedicated to modern technologies. The Lab is equipped with the latest generation computers, iPads, two 3D printers, electronic kits, Arduino microprocessor boards, cameras, camcorders, sound studio and green screen.

Visitors can participate online and/or in person at various workshops in the fields of programming, electronics, 3D printing and modern audiovisual media. Participation in UTech Lab workshops is free of charge.



The Eugenides Foundation created the UTech Lab with the cooperation and support of the U.S. Embassy in Athens.



// Workshops online

- 1 2D animation**
Techniques for creating an animation film
Ages: 12-18
- 2 Front-End Web Development**
Building a web page using HTML, CSS and JavaScript
Ages: 14-18
- 3 Vector Graphics**
Design an app icon
Ages: 12-18

// Workshops in our premises

- 1 Motion tracking and visual effects**
Filters creation with 3D models and graphics
Ages: 14-18
- 2 Arduino**
Introductory Concepts of Arduino and Its Programming
Ages: 12-18
- 3 Vector Graphics**
Design an app icon
Ages: 12-18

// Workshops series online

- 1 Python 1: Introduction to Python**
A high-level programming language
Ages: 12-18

// Project in our premises

- 1 DIY 3D Printer project**
Do it yourself: Build a 3D Printer
Ages 12-18

All workshops are conducted in the Greek language.

Registration is required (Tel: 210 9469641, Monday to Friday, 9:30 - 16:30)



// Workshops online

1

2D animation

Techniques for creating an animation film

Participants turn into animators and discover the techniques of 2D animation, the ways it is created, its basic principles and the terminology used by industry professionals. Then, using appropriate software, they experiment with creating the well-known "bouncing ball animation" using techniques such as tweening and onion skinning.



For ages: 12-18 years old

2

Front-End Web Development

Building a web page using HTML, CSS and JavaScript

Front-End Web Development is the creation of web pages and web application interfaces. Particularly, it includes the elements and features of a website that a user sees and interacts with. The basic languages that are used in Front-End are HTML, CSS and JavaScript.



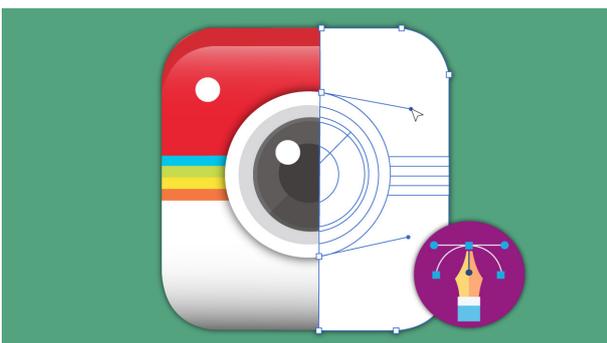
For ages: 14-18 years old

3

Vector Graphics

Design an app icon

In this workshop, participants turn into graphic designers and create the digital icon of an application (app icon). By using vector graphics, you do not need to be "good at painting". You only need to have critical thinking, good observation, and the right software tool to create your own designs!



For ages: 12-18 years old

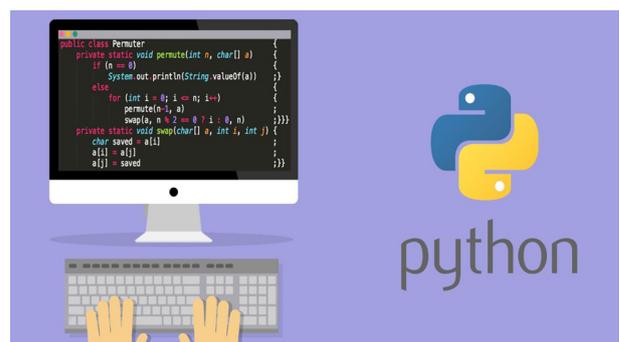
// Workshops series online

2

Python 1: Introduction to Python

A high-level programming language

This workshop is an introduction to fundamental programming concepts and the Python programming language, an accessible and highly usable language and at the same time very popular. Participants will understand basic data structures as well as control structures.



For ages: 12-18 years old



// Workshops in our premises

1

Motion tracking and visual effects

Filters creation with 3D models and graphics

Motion tracking is a technique of recording the movement of an object or human (model) in a 3D space. Using Spark AR Studio software, participants encode the movement of a model into a video, import graphics and 3D models into live scenes, and create their own augmented reality filters for social media.



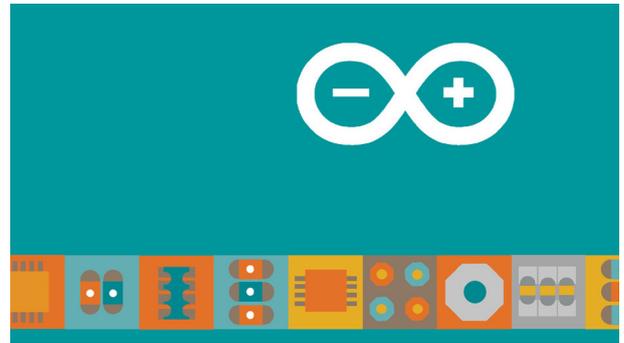
For ages: 14-18 years old

2

Arduino

Introductory Concepts of Arduino and Its Programming

Participants are introduced to the Arduino microcontroller and are familiarized with its functions. They become acquainted with the electronic components needed for an experimental construction and they make their own circuit. Finally participants discover the way in which they can control the circuit, by programming the Arduino board, and then they modify the code using their imagination and experimentation.



For ages: 12-18 years old

// Project in our premises

1

DIY 3D Printer project

Do it yourself: Build a 3D Printer

We invite you to be part of the new UTech Lab project, where, together in a small group, we build a 3D printer from scratch with the guidance of the UTech Lab instructors.



For ages: 12-18 years old



The

MINI
JAM
SCRATCH

competition is still
in progress!



// Program schedule

	online	Physical presence	October	hours
Workshops				
2D Animation			7	16:00-17:30
Front End Web development			14	16:00 - 17:30
Motion tracking and visual effects			8	15:00 - 16:30
Arduino			22	15:00 - 16:30
Vector Graphics			15	15:00 - 16:30
			21	16:00 - 17:30
Workshop series				
Python 1: Introduction to Python			1, 8, 15, 29	15:00 - 17:00
Project				
DIY 3D Printer project			22 (and 5, 12, 19 November)	11:00 - 14:00





ΜΟΥΣΕΙΟ
ΦΥΣΙΚΗΣ
ΙΣΤΟΡΙΑΣ
ΑΠΟΛΙΘΑΝΟΜΕΝΟΥ
ΔΑΣΟΥΣ ΛΕΣΒΟΥ



ΕΦΟΡΕΙΑ
ΑΡΧΑΙΟΤΗΤΩΝ
ΛΕΣΒΟΥ



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΑΙΓΑΙΟΥ



ΑΙΓΑΙΟΥ
SOLUTIONS
culture of innovation



Ευρωπαϊκή Ένωση
Ευρωπαϊκό Ταμείο
Περιφερειακής Ανάπτυξης

Ευρωπαϊκό Πρόγραμμα Ανταγωνιστικότητας
Ευρωπαϊκή Ένωση και Κοινωνία 2014-2020



The exhibition will be open from **17 October 2022** up to **29 January 2023**. It is a unique exhibition that refers to the timeless presence of the olive tree in Lesvos and Greece, its geography, landscape, cultivation, art and gastronomy, with special emphasis on the techniques that have been used for the production of olive oil using Virtual Reality (VR) and Augmented Reality (AR) techniques. The exhibition, hosted by the Eugenides Foundation, is organized by the Natural History Museum of the Petrified Forest of Lesvos and co-organized by the Ephorate of Antiquities of Lesvos, the University of the Aegean and Aegean Solutions.

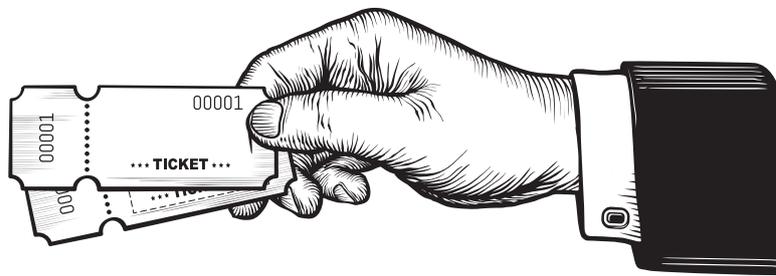
Age: 10+

An entrance ticket is required and can be downloaded [here](#)

Free Admission. Your free entry ticket can be downloaded [here](#) but you have also to communicate with our Booking Department to arrange your tour on the English language on 210 9469 641 (From Monday to Friday, 09:30- 16:30)

Digital applications (VR & AR) can be used by visitors over 12 years old.

Opening time: Saturday- Sunday 12:30 to 20:30.



Information on Ticket Purchases

An electronic ticket is recommended for attending the Planetarium shows and for visiting the exhibits and attending the experiments of the Science and Technology Centre.

Tickets are issued online at www.eef.edu.gr.

For the experiments of the Science and Technology Centre, the UTech Lab and the educational programs of the Library it is necessary to reserve a place at 210 9469641 from Monday to Friday, from 09:30 to 16:30.

Tickets	Regular	Reduced*	Groups 20+	Schools
PLANETARIUM				
Planetarium show	6 €	4 €	4 €	3 €
Dome film	8 €	5 €	5 €	5 €
SCIENCE & TECHNOLOGY CENTRE				
Exhibits	6 €	4 €	4 €	3 €
Experiments (Physical Presence)	6 €	4 €	4 €	3 €
Experiments/Interactive shows (online)	7,5 €	5 €	5 €	4 €
Workshops (Physical Presence)	8 €	6 €	6 €	5 €
Workshops (online)	10 €	7,5 €	7,5 €	6 €

*Children, students, large families, soldiers, unemployed, seniors (ages 65 and older). (Valid ID required)

Free admission for disabled persons (plus an attendant), as well as for professional members of the Media (plus an attendant).

Combo Tickets

With the purchase of tickets for two (2) or more shows/activities per person, on the same day, there's a discount of 1 euro per show/activity.

Group Reservations

School or group reservations are made over the phone at +30 210 9469641, Monday to Friday, 9:30-16:30. In case of late arrival (less than 30 minutes before the show begins), the reservation is cancelled.

COSMOTE DEALS *for YOU*

2 TICKET FOR THE PRICE OF 1 at the Eugenides Planetarium every Wednesday – Thursday – Friday for the afternoon shows 17:00, 18:00, 19:15 & 20:30

Go to My COSMOTE App or Send blank SMS to 19019, from your mobile or call 13019 from fixed COSMOTE.

A separate SMS or call is required for each activity. From regular tickets only and it cannot be combined with other offers or discounts.

Useful Information

Admission is not permitted after a Planetarium show, a presentation speech or workshop has already started.

Young people under the age of 18 must be accompanied by an adult.

Planetarium shows are digital fulldome shows played through a complex computer and multi-projector system, while dome films are played through a special large format 15/70 film projector.

The digital shows, as well as the dome films are projected onto the whole dome of the Planetarium.

The seating in the Planetarium is numbered.

Planetarium shows are recommended for adults and children over the age of 10. Children's shows are recommended for ages 5 or older.

English narration for all shows is provided with earphones, available at the gift shop operating in the Foundation's premises (cost € 1,00).

The Eugenides Foundation has a gift shop with a variety of gifts, books, and souvenirs (www.caelesteshop.gr).

Learn more and read about the Foundation's terms and conditions at: www.eef.edu.gr

For more information regarding the Eugenides Foundation activities please visit our website www.eef.edu.gr and subscribe to the EF newsletter now!

Accessibility



Persons with mobility disabilities are welcome, the building and its facilities are accessible and friendly (entrance from 11 Pentelis Str.) (accessibility chain).

Parking for people with mobility disabilities available:

- exterior parking space (11 Pentelis Str.)
- interior parking space (entrance from Hellinidon Str.)

Both spaces are signed and marked with moving disabilities. For parking at the interior parking space, people with moving disabilities are kindly requested to contact in advance Tel.: +30 210 94 69 600.

Wheel chair access to all the levels of our premises is available.

Wheel chairs are available, at no cost, for your visit in our premises.

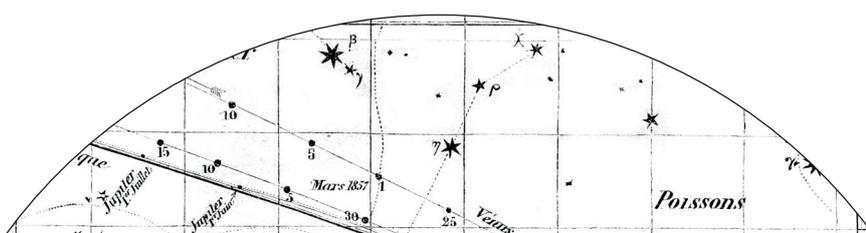
Wheel chair-accessible toilets are available (floor level -1).

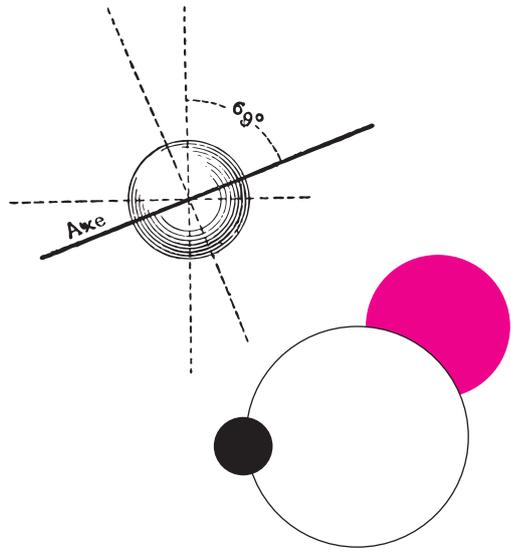
Baby changing facilities are available (toilets at floor level -1).

Guide dogs for the blind are welcome.

All Eugenides foundation brochures are available in both English and Greek Braille and Large print (Information Desk at 11 Pentelis Str.).

International and Greek Sign Language interpretation and/or lip speaking is available upon prompt request by e-mail: logistics@eef.edu.gr







eef.edu.gr

Eugenides Foundation

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