
Science and Knowledge

Alentejo

Grândola

Centro Ciência Viva do Lousal - Mina de Ciência**Address: Avenida Frédéric Velge - Lousal7570-006****Lousal****Telephone: + 351 269 750 520 / 522 Fax: + 351 269 508 160****E-mail: info@lousalcienciaviva.pt Website:****<http://www.lousal.cienciaviva.pt>****Timetable:**

10 a.m.-6 p.m.;

Closed on Mondays.;

Characteristics and Services:

Bar;

The Centre has been set up in a building that was associated with mining activity in the past and where the Geology Office, the Oil Storage Room, the Time-keeping Room, the Lantern Room, the Working Equipment Room and the Bathhouse were located.

The Mining complex of Lousal was active between 1934 and 1992, and after some years of inactivity, it reopened to play a role only in the context of industrial archeology - the building was adapted in order to function as a space for the dissemination of scientific and technological culture and today it offers a variety of functions: exhibition areas, interactive exhibits, a virtual mine, a laboratory, a cybercafé, an auditorium, recreational spaces and a viewpoint.

Azores

Ilha do Pico

Centro de Artes e de Ciências do Mar**Address: Rua do Castelo 9930-138 Lages do Pico****Telephone: +351 292 679 330 Fax: +351 292 679 337****E-mail: cacm_sibil@sapo.pt Website: <http://cm-lajesdopic.o.pt/equipamentos/centro-de-artes-e-de-ciencias-do-mar>****Timetable:**

Monday-Sunday: 10 a.m.-6p.m.;

Public holidays: 10a.m.-12.30p.m. /1.30 p.m. -6p.m.;

Characteristics and Services:

Shops; Bar;

Accessibility:

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The Centre is housed in the old SIBIL whale factory, an industrial plant dedicated to the processing of these large sea mammals into oils and flours. It fell into disuse in the early 1980s, but between 2005 and 2007 the SIBIL building was restored by the Municipal Council of Lajes do Pico.

In this current phase of the Centre's existence, visitors can see a

permanent exhibition of the factory equipment, as well as multimedia exhibitions about the factory and the biology and ecology of the large cetaceans. The Centre also hosts a range of different artistic and cultural events and provides some exciting educational activities for visitors. It is open to the public every day and is equipped with a shop, bar and open-air leisure area. In its second phase, a Marine Sciences Centre will also be opened, geared towards applied research and enjoying the academic support of the University of the Azores.

Owned by the Municipal Council of Lajes do Pico, the Centre is managed by CULTURPICO, a Municipal Company.

Lisboa Region

Lisboa

Museu Nacional de História Natural e da Ciência

Address: Rua da Escola Politécnica, 56-581250-102

Lisboa

Telephone: +351 21 392 18 08

E-mail: geral@museus.ulisboa.pt **Website:**

http://www.museus.ulisboa.pt

Timetable:

Tuesday-Friday: 10a.m.-5p.m.;

Saturday and Sunday: 11a.m.-6p.m.;

Closed: Mondays and public holidays.;

Characteristics and Services:

Shops; Bar;

Access:

Buses; Underground;

Payments:

Credit cards accepted;

Accessibility:

Disabled access; Accessible route to the entrance: Partial;

Accessible entrance: Partial; Reception area suitable for people

with special needs; Accessible circulation inside: Partial;

Accessible areas/services: Shop, Bar/Café, Toilets; Care skills:

Visual impairment, Hearing impairment, Motor disability, Mental disability;

The Museu Nacional de História Natural e da Ciência (MUHNAC), University of Lisbon, is a centre of education, science and culture in the heart of Lisbon.

Although its location hosts teaching institutions since the early 17th century, the Museum has its origins in the Royal Museum and Botanical Garden of Ajuda, created in the 18th century. MUHNAC is loaded with science and history. Among its highlights are the Botanical Garden, the Laboratório Chimico and its beautiful amphitheatre, the Astronomical Observatory and the former Riding Hall of the Colégio dos Nobres. The Museum includes also the Lisbon Astronomical Observatory, located in Tapada da Ajuda.

Apart from exhibitions, visitors can enjoy a diversified programme of activities aiming at stimulating curiosity and understanding about Nature and Science, as well as bringing the University of Lisbon closer to society.

Planetário Calouste Gulbenkian - Centro de Ciência Viva

Address: Praça do Império 1400-206 Lisboa

Telephone: +351 21 362 00 02 / 912 000 949 **Fax:** +351 21 363 60 05

E-mail: planetario@marinha.pt **Website:**

http://planetario.online.pt

Timetable:

- Thursdays at 4 pm, Saturdays and Sundays at 3 pm: sessions for the general public last for 30 minutes and are available in Portuguese, Spanish, French and English.

- Saturdays at 4 pm and Sundays at 11.30 am: sessions in Portuguese for children over 5 years of age.

- Sundays at 4 pm: sessions on "O Céu de Portugal" (The Sky in Portugal) lasting for 50 minutes;

Characteristics and Services:

Bar;

Accessibility:

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Situated in Belém next to the Museu de Marinha (Maritime Museum) and the Mosteiro dos Jerónimos, the Calouste Gulbenkian Planetarium was opened in 1965 and holds regular information sessions, with projections that help the general public to develop an understanding of astronomy.

Recently redesigned, the Planetarium has the most modern equipment including a central sphere with 32 projectors of fixed stars. This makes it possible to present more than 9,000 stars in both of the celestial hemispheres, as well as the Milky Way, star clusters and nebulae. Also shown are the figures that are drawn by the constellations, and there are a number of auxiliary educational features.

Amongst other events, there are regular sessions given in various languages, special exhibitions for younger audiences and presentations related with certain periods of the year.

Other services provided in this building include a Library with roughly a thousand different volumes and the Commander Conceição Silva Observatory, equipped with the most modern facilities, which can be used by amateur astronomers.

Porto and the North

Bragança

Centro Ciência Viva de Bragança

Address: Rua do Beato Nicolau Dinis5300 - 014 Bragança

Telephone: +351 273 313 169 **Fax:** +351 213 516 603

E-mail: info@braganca.cienciaviva.pt **Website:**

<http://www.braganca.cienciaviva.pt>

Timetable:

Tuesday to Sunday from 10 a.m. to 6 p.m.

Saturday, Sunday and holidays from 11a.m. to 7p.m.;

Characteristics and Services:

Shops; Bar;

Accessibility:

Disabled access; Accessible route to the entrance: Total;

Accessible entrance: Total; Reception area suitable for people

with special needs; Accessible circulation inside: Total;

Accessible areas/services: Shop, Bar/Café, Toilets, Auditorium;

Accessible information: Information panels, Key, Interactive and audiovisual presentations, Items for tactile exploration;

The **Bragança Ciência Viva Centre** is located where, in 1914, during the first World War, the French engineer named Lucien Guerche installed a power plant to produce electricity.

The Ciência Viva designed by Giulia Appolonia, an Italian architect, integrates innovative solutions to climatise indoor spaces and save energy. This is achieved using a system that works as an interactive module where visitors can, in real-time and through new technologies, observe the behaviour of several control systems of the building.

The permanent exhibition modules are dedicated to science, particularly to the geological and biological heritage of the region, dominated by the **Montesinho Natural Park**, as well as the energy environment and recycling. The centre also includes the House of Silk, restored with the original characteristics of an old mill, integrating ancient local and regional elements alongside new contents of scientific dissemination

Espinho

Planetário de Espinho

Address: Centro Multimeios Espinho Avenida. 24, nº 800 - 4500-202 Espinho

Telephone: +351 227 331 190 **Fax:** +351 227 331 191

E-mail: planetario@multimeios.pt **Website:**

<http://www.planetarioespinho.pt>

Timetable:

Tuesday to Friday: 10a.m.-1p.m. /2p.m.-5.30p.m., for school groups/bookings.

Fridays: 9p.m.-10p.m.; Saturday: 2 p.m.-7p.m

/ 9p.m.-10p.m.; Sundays and holidays: 2 p.m.-7p.m.

Closed on mondays.;

Characteristics and Services:

Shops; Bar;

Access:

Outdoor parking; Buses; Train stations;

Accessibility:

Disabled access; Accessible route to the entrance: Total;

Accessible entrance: Total; Reception area suitable for people

with special needs; Accessible circulation inside: Total;

Accessible areas/services: Shop, Bar/Café, Toilets, Patio,

Auditorium; Accessible information: Information panels;

The Espinho Planetarium is a place that is almost mandatory to visit to those visiting Espinho. It is the most advanced planetarium in the country, equipped with a high resolution digital projection system.

The projection in the Planetarium is made in 360°, and may even be 3D, depending on the show being presented. The spectator is completely surrounded by image, in a true immersive experience, making the Planetarium an effective and attractive place, with enormous flexibility. Being completely surrounded by image and sound, the spectator is "transported" into the action, which makes the visit to the planetarium a unique occasion.

Some of the shows are about astronomy subjects, but there are also about biology, maths or simple pure entertainment. Pre-elaborated content (films) are projected, but one of the great innovations of this system are the images generated in real time, thanks to the simulator that integrates it, which allows us to travel through the Universe. To follow the movement of a planet, look at the Earth from space, the Solar System, go to a comet, travel to the outside of our galaxy and observe its structure, are some examples, from what we can observe.

The planetarium has an extensive programming and is recommended for all ages.

Santa Maria da Feira

Visionarium - Centro de Ciência do Europarque

Address: 4520-153 Santa Maria da Feira

Telephone: +351 256 370 607/9 Fax: +351 256 370 608

E-mail: info.visionarium@insizium.com Website:

<http://www.visionarium.pt>

Timetable:

Tuesday to Friday: 9am - 6pm; Weekend and public holidays:

2pm - 7pm;

Closed: Mondays, 1 January, Good Friday, Easter Sunday, 24, 25 and 31 December. ;

Characteristics and Services:

Shops; Bar;

Accessibility:

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At Visionarium we are invited to enter a universe of emotions and experiences worthy of a scientific adventure. By making use of different and up-to-date technologies, we set out on a journey that that stimulates our senses and knowledge.

Our journey is set to begin with a multimedia show where we embark on the adventures of the Portuguese Navigators during the Discoveries. Like Henry, the Navigator, Vasco da Gama or Ferdinand Magellan, and using different technologies, we sail away on the discovery of 5 fantastic Odysseys related to the domains of the Earth, Matter, the Universe, Life and Information.

This adventure, however, doesn't stop here. On both Experimentarios we engage in live demonstrations of the scientific principles displayed on the 5 permanent exhibition rooms. At Laboratorium, we are encouraged to engage actively in experiments on biology, microbiology, biochemistry, chemistry and ecology. On the Temporary Exhibitions' Room, we can discover scientific views from all over the world.

We can also take a walk through the exterior gardens, dedicated to scientific games, where we can watch a watermill or step on a scalemodel of the solar system, 87 million times smaller than the actual one.