


CosmoCaixa

Isaac Newton, 26 | Barcelona 08022

CosmoCaixa is the emblem of the "la Caixa" Foundation's Science in Society programme, whose aim is to spread and promote scientific culture, contribute to informal education in the sciences, stimulate scientific vocations and to underline the value of research as an engine of social progress.

 Accessible building

Visitor care service
icosmobicn@fundaciolacaixa.es

Information service
"la Caixa" Foundation Welfare Projects
Seven days a week from 9 am to 8 pm
Tel. 902 22 30 40

www.lacaixa.es/ObraSocial

Services

The Museum Shop. Laie – CosmoCaixa
(Floor 0)

Cafeteria-restaurant. Arcasa – CosmoCaixa
(Floor -1)

Parking

Enter at C/ de Quatre Camins, 89
2 hours free if you buy a Museum entry ticket



Let's go to the Hall of Matter

On leaving the **Flooded Forest**, you can visit the **Matter Room**, which is organised in **four main areas**: **Inert Matter** (the basic laws that govern the universe), **Living Matter** (the appearance and evolution of life), **Intelligent Matter** (appearance and evolution of the nervous system and intelligence) and **Civilised Matter** (the process of hominization).

Here you can choose between a general visit or focusing your attention on a particular space. One of these spaces in the **Living Matter** area could be what we devote to the **essential shapes of Nature**: the sphere, the hexagon, the spiral, the helix, the angle, the wave, the fractal and the catenary curve. These 8 shapes are much more common in Nature than any other shapes. Their function and usefulness has meant that they have been selected in the evolutionary process. The sphere protects, the hexagon paves, the spiral packages, the helix holds...



This space, found just in front of the entrance to the Flooded Forest, is where you can find an interesting and attractive collection of objects.

After visiting these shapes, you could move on to the area devoted to **Intelligent Matter**, where we will learn that merit must be attributed to a specialist cell that transmits electronic impulses and communicates with other cells like it: **the neurone**. You can also stroll through **Civilized Matter**. Here you will see the **hyper-realist sculptures of various species of hominids**,



protagonists of key landmarks in the process of hominization. Don't miss Lucy and the first foot-prints, the Neanderthal bonfire from over 52,000 years ago or the burial of *Homo sapiens* with his complete funerary possessions or the tool box where you can see the evolution over time of the utensils used by humans.

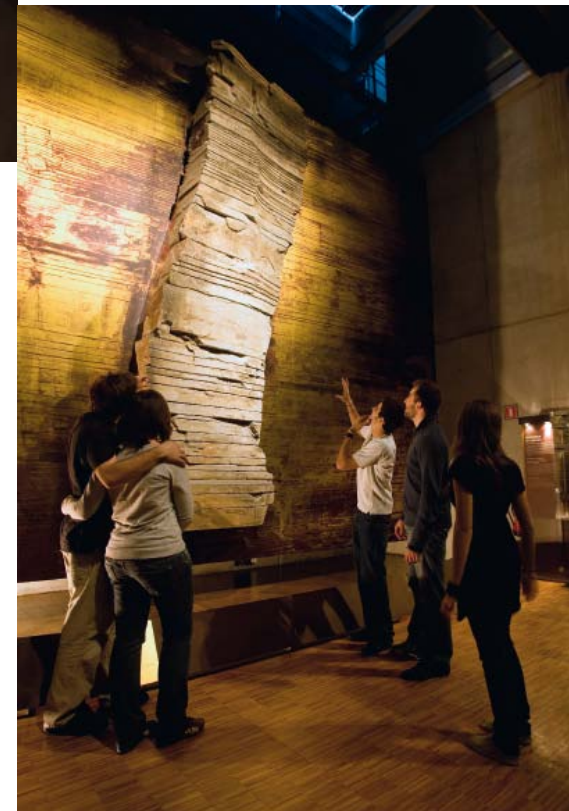
Now you can walk on to the **Inert Matter** area, where you will find the modules that will enable you to discover the characteristics of the **various fundamental laws of physics**. You can also visit the space set aside for large-format **temporary exhibitions**, a wide area located just behind **Foucault's Pendulum**.

We go up to the Geological Wall

The **Geological Wall** is found in the Inert Matter area. It is an impressive collection of **seven real sections of rocks**, weighing in total nearly 100 tonnes, which shows us some of the main geological processes that have formed our planet's crust.

Here too you will find the area for our temporary exhibitions, which deal with the major questions of the day as well as social themes.

If you have any time left, you can enjoy activities such as the **3D Planetarium**, **Touch, touch!, Clik, Laboratories...**



Welcome!

Barcelona
CosmoCaixa

 Obra Social "la Caixa"

Floor -5

 Obra Social "la Caixa"



We get a bird's eye view of the Flooded Forest

If you walk along the avenue of **Floor -2**, at the end, before going down the ramp to the **Planetarium**, look right and you have a privileged position for a wonderful **view of the Flooded Forest**, a realistic replica of a fragment of Amazon forest with its fauna and natural vegetation.

Then, as you go on down the ramp to **Floor -5**, you can observe the Forest's vegetation from different levels.

On reaching this floor, we turn to the right and come to the entrance. Access



is through **under the ground**, where the leafcutter ants *Atta cephalotes* march and anacondas lie.

Under the water you will see a wide variety of fish, such as the pirarucu, black pacu, redtail catfish or the cloud fish.

Coming out onto dry land, you will be able to feel the characteristic heat, humidity and smell of the jungle. The space is kept at 24°C and 90% humidity. You can walk through luxuriant vegetation and under the rain, though you won't need an umbrella. Here you will find tarantulas, tortoises, trumpeter finches, caimans and the Planet's biggest rodent, the capybara.

Welcome to CosmoCaixa, the Science Museum of "la Caixa" Welfare Projects in Barcelona.

With its innovatory ideas of what a museum can be like, CosmoCaixa presents a unique collection of objects, living beings and experiments in some magnificent buildings. In 2004, after considerable expansion and complete refurbishment, the former Science Museum was transformed into CosmoCaixa, becoming what it is today: **a singular, internationally known vanguard museum.**

We arrive at the Museum

We have come into CosmoCaixa from the Ronda de Dalt, through a remarkable **Art nouveau building**, work of the architect Josep Domènech i Estapà. Built in 1909, it housed the museum until 2004.

Currently, the new museum has five floors, all of them underground and with natural light, which you enter through the Hall, where you are now.

At the rear of the hall, you will find the **ticket offices**, the museum **shop** and the accesses to the museum proper.

Once inside, on the left you have the great **helical ramp**, over 300 metres long, which communicates with the museum's various levels. Take a close look at the magnificent naturalized tree specimen that greets you. It is a **minquartia**, which reaches a height of 30 metres and is one of the Amazon jungle's most characteristic trees.

You can choose various routes round the Museum. Here we suggest one of them.

Getting inside the Museum

By the escalator that takes us down to **Floor -1**, you can access if you want the **Square of Science** and the **cafeteria-restaurant**.

If you go on down, you will reach **Floor -2**, from where you can enjoy an unbeatable view of the Hall of Matter, the museum's main hall.



Floor 0



Floor -1

Floor -5