



**Palais** DÉCOUVERTE

# Welcome 2020

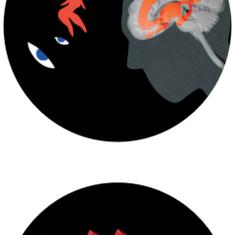
## TEMPORARY EXHIBITIONS

### About love

From 7 October 2019

What is love, this feeling that captures us sooner or later? Love has always been a subject of great interest in all cultures and at all times. This exhibition explores this complex subject in two galleries: the attachment gallery with a kaleidoscope of cultural references evoking various forms of attachment and the science gallery that presents seven eclectic questions explored by philosophers, sociologists, sexologists and neuroscientists.

AGE 15+

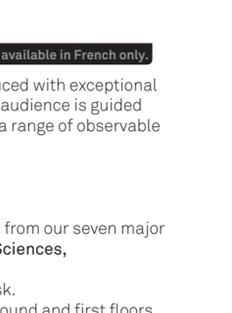


### Magnetic

From 5 November 2019

Through experiments, manipulation and observation, this exhibition invites you to discover the principles of magnetism, its effects and the many applications in our everyday lives: engines, credit cards, induction heating, wind turbines, levitation trains, and more. Magnetic answers many questions about magnetism, including where to find it, how to explain it, what role it plays in computers, the state of research in the field, etc.

AGE 12+



## Activities

**PLANETARIUM** | Sessions last 45 min. Sessions at the Planetarium are available in French only.

Under a dome 15 meters in diameter, a starry sky is reproduced with exceptional clarity: 9,000 stars, five planets, the Sun and the Moon. The audience is guided around the night sky by an astronomy expert, who explains a range of observable astronomical phenomena.

**PRESENTATIONS** | Length: 50 min. In French only.

Live experiments with explanations by scientific facilitators from our seven major departments: **Astronomy, Chemistry, Earth Sciences, Life Sciences, Mathematics, Physics, Computing and digital technology.** Ask for a program of the day's activities at the reception desk. Presentations are announced on screens situated on the ground and first floors.



## Palais basics

Learn the secrets of the Palais in just one hour

### GROUND FLOOR

- C** Electromagnetism: A coil that contracts on its own!
- C** Electromagnetism: What makes the lamp filament vibrate?
- G** Do queen ants lay eggs? Use the microscope to observe a queen surrounded by tiny workers. What are their jobs?
- G** Tactile communication in spiders: how do spiders use the phenomenon of vibration to communicate?
- H** Rats' school: how rats carry out various tasks and find a route through a maze

### FIRST FLOOR

- J** The Sun and planets: see a real piece of moon rock!
- J** The Sun and planets: the solar system above your head!
- Y** Light: what happens if we make 'invisible' light visible?
- O** The Pi room presents the first 707 decimals of the number Pi, all accurate.
- V** Human biology: inside the glass man – observe veins and arteries, and measure your blood pressure.
- W** Optics: an intangible bottle.
- R** Geosciences: enjoy a 3D view of the Earth.

Welcome to the Palais de la Découverte A Science Centre in a historic monument!

When this great museum was founded by physicist Jean Perrin in 1937, his aim was to "bring science to life in the centre of Paris" by focusing on hands-on experiments and spectacular demonstrations. With a daily programme of some sixty presentations linked to its exhibitions and events, the Palais de la découverte continues to play the same role today, allowing every kind of visitor to get to grips with science in a vivid and exciting way.

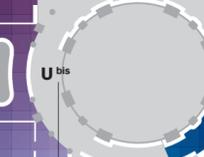
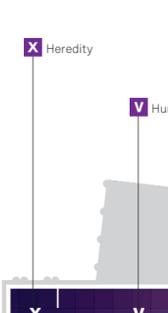
## Physics

Physics is presented in a dozen different rooms that cover every sphere of this science, from Newtonian mechanics to particle physics, electricity, acoustics, and much more. Visitors can perform a wide range of experiments themselves.



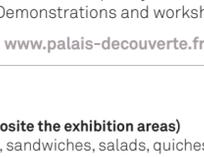
## Chemistry

Chemists conduct real experiments to explain chemical phenomena observed in everyday life or in laboratories.



## Life sciences

Covering the key fields of human biology from anatomy to genetics. Another area is devoted to animal communication showing how each of the species presented has its own way of communicating with others – using sight, sound, touch, electricity and even chemicals.



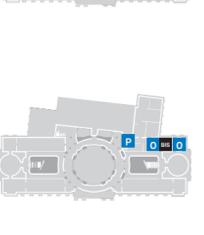
To start your visit, look at the program on the screens situated on the ground and first floor. Activities are identified by letters. Refer to the map to find the letter corresponding to the selected activity.

## 7 EXHIBITIONS ZONES ON 2 LEVELS

Occupying some thirty rooms, the permanent exhibitions cover seven scientific disciplines: Astronomy, Physics, Chemistry, Mathematics, Life sciences, Earth sciences and Computing and digital technology. Featuring working models, hands-on experiments, clear illustrations and multimedia displays, they also host the presentations given by our scientific facilitators.

## Earth sciences

Earthquakes, volcanic eruptions, cyclones, tsunamis, droughts... Here, geoscientists explain the natural phenomena that threaten so many lives today. And life in the past? Fossils can tell us a great deal about life and the human origins.



## Astronomy

Aside from the planetarium, three areas are devoted to astronomy. The Sun and Planets area presents our knowledge of the solar system. Next to it, the History of Astronomy area looks back at the science's development from the Babylonians to the 17th century, while the Cosmology balcony provides a comprehensive overview of the latest theories on the universe.



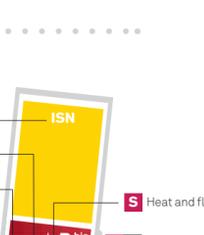
## Mathematics

Mathematics is an extraordinary, expressive and living science as you will find out by attending to one of our workshops. The latter takes place in the pi room, where you will be surrounded by its famous endless sequence of digits.

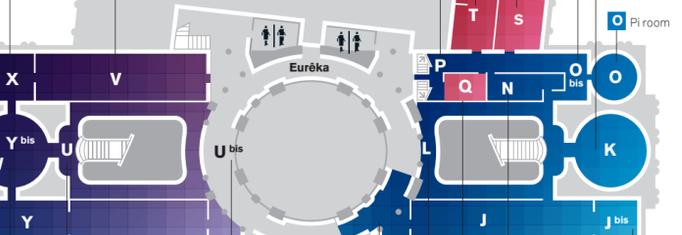


## Computer science and information technology

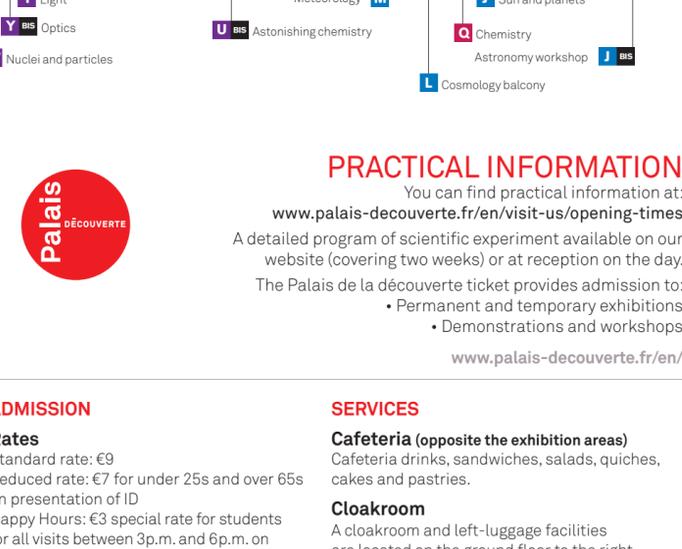
Dedicated to the unravelling of algorithms, machines, data and coding, the cornerstones of computer science, this area also presents the achievements of modern information technology: networks, artificial intelligence, big data and robotics, all made possible by the vast capabilities of modern-day computers.



## GROUND FLOOR



## 1st FLOOR



## PRACTICAL INFORMATION

You can find practical information at [www.palais-decouverte.fr/en/visit-us/opening-times](http://www.palais-decouverte.fr/en/visit-us/opening-times)

A detailed program of scientific experiment available on our website (covering two weeks) or at reception on the day. The Palais de la découverte ticket provides admission to:

- Permanent and temporary exhibitions
- Demonstrations and workshops

[www.palais-decouverte.fr/en/](http://www.palais-decouverte.fr/en/)



## ADMISSION

**Rates**  
Standard rate: €9  
Reduced rate: €7 for under 25s and over 65s on presentation of ID  
Happy Hours: €3 special rate for students for all visits between 3p.m. and 6p.m. on presentation of valid ID (student card, ISIC card or international student card) except weekends.  
Only available from ticket offices at the Palais.  
Free admission on presentation of valid ID:  
Children under 6  
Disabled persons and those accompanying them.  
Paris Museum Pass and Paris Visit Card welcome

**Extras**  
The Planetarium: €3  
Special workshops: €3

## OPENING TIMES

Open from Tuesday to Saturday from 9.30a.m. to 6p.m. Sundays and bank holidays from 10 am to 7 pm. 14 July from 1p.m. to 7p.m. Closed on Mondays and May 1st.  
Special Opening: Monday 13 April.

The current site of Palais de la découverte will be closed for renovation from September 2020 for an estimated period of 4 years.

## SERVICES

**Cafeteria (opposite the exhibition areas)**  
Cafeteria drinks, sandwiches, salads, quiches, cakes and pastries.

## Cloakroom

A cloakroom and left-luggage facilities are located on the ground floor to the right of the ticket office, free of charge on presentation of a ticket and subject to availability. To improve the quality of your visit, we suggest you leave your bags or any other bulky object there.

**A baby changing area** is available in the lavatories on the ground floor next to the cafeteria.

## Gift and workshop

Offering a wide range of publications and merchandise.

## ADDRESS

Avenue Franklin-D.-Roosevelt, 75008 Paris, France  
M 13 1 Champs-Élysées Clemenceau  
M 9 1 Franklin Roosevelt  
BUS 28, 42, 52, 63, 72, 73, 80, 83, 93  
RER C Invalides

## FOLLOW US



**FREE AUDIOGUIDE ON YOUR MOBILE**  
Exhibitions guided visits, thematic paths and more. Also available at [palais-decouverte.fr](http://palais-decouverte.fr)

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