

universcience

cit 

sciences
et industrie



le blob.fr

Cultural Season

**2024
– 2025**

Cité des sciences et de l'Industrie

30 avenue Corentin Cariou, 75019 Paris

Open Tuesday to Saturday, 9:30 am to 6 pm,
and Sundays, 9:30 am to 7 pm.

cite-sciences.fr

Palais de la Découverte

Avenue Franklin Delano Roosevelt, 75008 Paris

Étincelles du Palais de la Découverte

Jardin Caroline-Aigle

186 rue Saint-Charles, 75015 Paris

→ **Individual visitors and group tours**

School term

Open Wednesdays and Fridays from 12:45 pm
to 6 pm, and Saturdays and Sundays from 10 am
to 6 pm.

School holidays

Open Tuesday to Sunday, 10 am to 6 pm.

→ **School groups**

School term

Open Tuesdays, Thursdays and Fridays from 10 am
to 6 pm, and Wednesdays from 10 am to 12:20 pm.

palais-decouverte.fr

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Editorial



Universcience will be making some important changes in 2024-2025 to help even more people discover scientific and technological culture.

To start the season, the Cité des Enfants is undergoing a major transformation.

Following a record-breaking year in 2023, when it attracted 833,193 visitors, the highest number since it opened, work began on renovating the Cité des Enfants in summer 2024, starting with the Cité des Enfants 5-12 years, which will close for a year while the Cité des Enfants 2-7 years remains open. Before the renovated Cité des Enfants reopens in summer 2025 with a new design to reflect developments in society and children's lives, the Cité des Sciences et de l'Industrie has curated a selection of fun and engaging activities for kids, including, from July 2024, *Dance*, a toe-tapping exhibition that's sure to get children and adults on the move. And from February 2025, a new version of the iconic exhibition *Cats and Dogs*, which is back at the Cité after captivating more than three million visitors worldwide. Running in tandem, our exciting programme of family events and workshops includes the now traditional Great Kids' Party #3 in the run-up to Christmas and the screening of new films for young audiences in

the Planetarium. Building on the success of the Lab, we're also excited to announce the opening of a permanent Cité des Bébés in late 2024.

The Cité des Sciences et de l'Industrie is always breaking new ground with its exhibitions, offering older children a chance to discover the latest scientific advancements. In October 2024, join us for *Chauvet Cave: A Scientific Adventure* and discover the extraordinary world of cave art. As we celebrate the 30th anniversary of its discovery and its tenth year as a UNESCO World Heritage Site, get a frank, behind-the-scenes look at the research being done to understand this remarkable find. The following exhibition, in December, offers a peaceful retreat from the cacophony of everyday life with *Silence*. An innovative 3D sound experience, this exhibition invites visitors on an unforgettable sonic journey. Lastly, in April 2025, the Cité will launch *Rewind*, a new exhibition concept that delves into the history of science and technology. Every six months, a new object will take centre stage, starting with the radio, from the invention of the transistor in the 1960s to the present day.

We'll be capping off the season by reopening the first sections of the new Palais de la Découverte in June 2025. Following a five-year renovation programme, the redesigned exhibits and demonstrations in this space renovated and reimagined in line with Universcience's commitment to sustainability, invite visitors on an immersive journey into the world of fundamental science through the work of researchers and the questions they ask. Two exhibitions are being organised to mark the reopening. Firstly, the temporary *AI* exhibition delves into the

questions raised by artificial intelligence and its potential impact in the future. The second exhibition explores the concept of *Transparency*, taking us on a magical journey that bridges the perspectives of artists and scientists. It will be the first of a series of two-year exhibitions held in a permanent art and science space, the Palais des Enfants, created for children in collaboration with the GrandPalaisRmn. The reopening of the Palais de la Découverte will also feature an outstanding line-up of events, which you can read about in this booklet, alongside a host of festivals and demonstrations, along with new content at the Étincelles - before the Palais reopens - in the coming months, at the Cité and online on Le Blob, our scientific news media.

Bruno Maquart,
Chairman and CEO of Universcience

Dance



Chauvet Cave: A Scientific Adventure



Silence



Cats and Dogs



Rewind: The Radio



Metamorphoses



AI



Transparency

At the Cité

At the Palais

2024 JULY AUG. SEP. OCT. NOV. DEC. 2025 JAN. FEB. MARCH APRIL MAY JUNE

The Firefighters' Dance

The Big Game

Festicité #26
Offbeat Cité

CERN 70th Anniversary

Science Festival

Festicité #27
Cité of the Senses #5

Environmental Emergency Forum #4

EHESS Marc Block 43rd Conference

Sky and Space Fair

Festicité #28
The Great Kid's Party #3

Opening of La Cité des Bébés

Blinding Night #10

Reading Nights

Makers Forum

Festival Vilette eSport 2025 #3

Women in Science, Women in Engineering

Winter Stars Night

Springtime of Critical Thinking, Critical Thinking Barometer #4

Digital Arts Festival #3
Under the Dome

Bio-inspired Engineers

Autism Awareness Day

Junior IDF Robocup

Festival Cosplaymania #2

Reopening of Palais de la Découverte

Reopening of Cité des Enfants 5-12

Blinding Night #11

UNIVERSCIENCE AND THE OLYMPIC GAMES

Cité des Sciences
et de l'Industrie

Canada Olympic House at the Cité des Sciences et de l'Industrie

The Cité des Sciences et de l'Industrie was thrilled to host the Canadian Olympic Committee at its convention centre (La Villette Congress Centre) from 27 July to 11 August 2024, during the 2024 Olympic Games.

Fully refurbished to represent the Canadian nation, inside ticketholders enjoyed talks, live events, and, of course, Team Canada live on the big screen. Canada's home away from home during the 2024 Paris Olympics, La Villette Congress Centre was also the place to meet the Canadian delegation and athletes.

Universcience and the 2024 Paris Cultural Olympiad

Starting in 2023, Universcience organised several events, including the *Body and Sport* travelling exhibition, the International Young Scientific Talents Residency, Villette eSport 2024, and Science News, as part of the multidisciplinary artistic and cultural programme of the 2024 Paris Cultural Olympiad.

A new temporary exhibition for families at the Cité des Sciences et de l'Industrie, *Dance*, which opened on 2 July, also forms part of this programme.



The 2024 Paris Cultural Olympiad:

→ This unique programme combines artistic practice with sports culture. The idea of uniting 'mind and muscle', a concept coined by Pierre de Coubertin, is fundamental to the Olympic spirit and, at the 2024 Paris Olympics, art and sport came together in a dynamic and rewarding dialogue.

The 2024 Paris Olympics fostered an open, inclusive and community-building spirit by encouraging everyone from artists to companies, non-profits and local authorities to get involved in shaping its cultural programme. Communities across the country were able to be part of the 2024 Paris Cultural Olympiad thanks to a packed line-up of cultural initiatives.

La Cité est fière
d'accueillir



MAISON
OLYMPIQUE
DU CANADA



MAISON
OLYMPIQUE
DU CANADA



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The new Palais de la Découverte

.....
programme

THE NEW PALAIS DE LA DÉCOUVERTE

After a major refurbishment, the Palais de la Découverte will reopen its doors in 2025.

The outstanding programme of events starts on 6 June 2025 with the presentation of the *AI* exhibition and the opening of the Palais des Enfants, a new space co-produced with the GrandPalaisRmn for children aged two to ten, where kids can enjoy an innovative programme of art and science exhibits and activities, including *Transparency*, its inaugural exhibition.

Permanent facilities, demonstration equipment such as live demonstration spaces and laboratories, the Planetarium and permanent museum displays will open in 2026.

The new Palais de la Découverte will offer visitors a unique experience that fosters hands-on learning and self-guided tours through interconnected spaces. Its exhibits will be laid out in a circuit that seamlessly blends guided and self-guided tours to enjoy throughout its galleries. Placed close together, displays will allow visitors to explore inter-related themes and move between scientific fields.

New facilities include **Laboratories**, equipped with scientific instruments for hands-on visitor experiments assisted by facilitators, scientists and artists. Exploring topics like biology, computer science and chemistry, **Interactive exhibits** with large-scale, dynamic displays scattered throughout the spaces, each illustrating a fundamental scientific principle or phenomenon, **Curiosity islands** — these 'mini exhibits' — exploring specific topics, are categorised into three types: fundamental sciences, research and current scientific affairs, and **New halls** including the large-format hall and the equatorial garden. The historic areas of the Palais — including the **Planetarium**, **Electricity hall** and **exhibition halls** — will also be transformed and given a new lease of life.

In a society driven by scientific advancements, access to scientific knowledge is an imperative, a cornerstone of democracy and a catalyst for empowerment and peace. This new museographic approach fosters dynamic, memorable and direct encounters with science in the making. A leading science centre in the west of Paris, the new Palais de la Découverte will serve as a gateway to scientific culture for visitors of all ages and interests. It will present advanced research and core scientific knowledge via a programme that adapts to scientific and cultural developments.

→ Leading Academic Partner
of the Palais de la Découverte



→ Major Patrons



KONICA MINOLTA



→ Founding Patrons
and Sponsors



L'OCCITANE
EN PROVENCE



→ Other Patrons, Sponsors
and Academic Partners



ESPCI PARIS | PSL



AI

TEMPORARY EXHIBITION

Palais de la
Découverte

6 JUNE

2025

> 4 JAN.

2026

The Palais de la Découverte will unveil its new exhibition exploring an issue central to the challenges facing the world today: *AI*.

Artificial intelligence, or AI, is the buzzword on everyone's lips. This technology is making its way into vital sectors, such as medical image analysis, or into the playful world of image generation. It is also helping us address the big questions of our time, including decarbonisation, critical thinking and the fight against misinformation.

The *AI* exhibition explores this complexity, unravelling the science and technology behind artificial intelligence and its potential uses in art, philosophy, culture and politics. The exhibition examines the structural duality of AI: while offering

→ **Around the exhibition**

- AI exhibition journal
- Demonstrations
- Professional forums organised with the Quai des Savoires (Toulouse)

→ In partnership with the French National Centre for Scientific Research (CNRS), the National Institute for Research in Digital Science and Technology (INRIA) and the Artificial and Natural Intelligence Institute of Toulouse (ANITI).

endless possibilities, from automating everyday tasks to ordering complex data, the way we design algorithms and the databases they use can fundamentally challenge our frames of reference.

→ **Exhibition conceived by the Quai des Savoires in Toulouse and co-produced with the Cité des Sciences et de l'Industrie**

→ **Programming line Sociétésience**

LE PALAIS DES ENFANTS

PERMANENT SPACE

Palais de la
Découverte

The Palais des Enfants is a new 620 sq. m. area beneath the Rotonde of the Palais de la Découverte. Designed for children aged 2 to 10 and accompanying adults, this unique experience combines Universcience's expertise in child-centred museum exhibits with the GrandPalaisRmn's strengths in arts and cultural education.

The new displays and activities, which include immersive scenography, interactive exhibits, scientific installations and artworks, aim to help young children see the world differently by combining curiosity and the senses, scientific inquiry and aesthetic appreciation. The goal is to amuse young visitors, stimulate their imagination and inspire them to invent the future. Exhibitions at the Palais des Enfants will enhance curiosity — something artists, scientists and children share. They will offer children a novel experience that challenges how they see the world, bridges the gap between artistic and scientific culture and breaks down the barriers between the arts and sciences. Sensibility, logic, creativity and curiosity are the driving forces behind the arts and sciences.

→ Around the exhibition:

- Collection Arts et Sciences co-published with GrandPalaisRmn:
- Children's book about strange animals
- Children's book about fear and mysteries

→ Supported by the Fondation Jean-Pierre Aubin, Founding Sponsor of the Palais des enfants

Fondation
Jean-Pierre Aubin

The first exhibition at the Palais des Enfants takes young visitors on a journey through the imagination and the senses as they explore transparency in a bright ice palace, a mysterious forest, a cave filled with mineral treasures, a sunny sky and a sparkling ocean.

It combines works of art, interactive devices and hands-on activities to explore the transparency of matter from multiple perspectives in nature and the objects produced by the human hand and mind.

Visitors are invited to marvel at transparency and its subtle

variations, experiment with the possibilities arising when matter meets light, wonder at the optical effects it creates and play with their perceptions.

To explore the subject further, we have developed a programme of events around the exhibition, including demonstrations, conferences and workshops.

→ Exhibition suitable for children aged 2 to 10 and accompanying adults

→ Co-produced by Universcience and GrandPalaisRmn

→ Programming line *Curious kids*

TRANSPARENCY

TEMPORARY EXHIBITION

Palais de la découverte

FROM
6 JUNE
2025

> **SUMMER**
2027



REOPENING HIGHLIGHTS

The Big Science Festival

7 & 8 June 2025

The Palais de la Découverte will host a landmark science festival for visitors of all ages. Researchers, scientists, artists and YouTubers will join the Palais' science facilitators in celebrating its reopening following a five-year refurbishment programme. Highlights from the programme include breathtaking experiments, film projections, discussions with top scientists, groundbreaking scientific and artistic installations, concerts and more.

This major event is open to everyone, from children to adults, whether they love science or are simply curious to learn more.

A programme of events inspired by the *AI* exhibition

From June 2025

The Palais will organise special workshops, demonstrations and conferences to celebrate the opening of its new temporary *AI* exhibition. It will help the public gain a deeper understanding of current research and allow scientists to engage with communities on the implications and hazards of integrating AI into our daily lives.

The Great Game

Summer 2025

After its successful run at the Cité des Sciences et de l'Industrie, the Great Game will move to the Palais de la Découverte for the summer.

This two-month programme of free activities, for people of all ages, includes sports, games, workshops and reading.



The Étincelles du Palais de la Découverte

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programme

During renovation work, the Palais de la Découverte welcomes visitors in a temporary space, the Étincelles du Palais de la Découverte, which includes a Planetarium and three demonstration rooms.

The Étincelles is eco-designed as part of an original and innovative circular economy approach to construction.

↳ With the support of MathWorks, Garnot, United Robotics Group and the Université Paris-Cité.

What's new in 2024-2025

The Étincelles du Palais de la Découverte is organising a wide range of new interactive activities for the 2024-2025 season, from mysterious experimental workshops and moon observation in our Solar System to plant science. There is something for everyone, from school groups to curious adults!



Demonstrations

Presentations and workshops on chemistry, geosciences, physics, computer science and digital science, life science, maths and astronomy are available throughout the year for people of all ages and interests.

Visitors and school groups, from primary pupils to college students, can explore the Solar System, learn about climate change, discover the different states of matter and how they interact with light, watch ants communicate, reveal the secrets of artificial intelligence, and dive into the world of mathematics.

Events

• Astronomy evenings

Building on the success of the past two years, the Étincelles du Palais de la Découverte once again invites you to spend an evening in the company of the astronomers from the Paris-PSL Observatory.

Highlights include conferences on astronomical imaging, the search for exoplanet atmospheres, and solar system exploratory missions, including Dragonfly.

Visitors can also take part in live Planetarium shows hosted by our science demonstrators. These evening events are open to everyone and end with a stargazing session using the Palais' telescopes — weather permitting.

Upcoming sessions: SEP. 2024 – DEC. 2024 – MARCH 2025 – JUNE 2025

In partnership with the Paris-PSL Observatory



The Palais online

In addition to the on-site demonstrations, it provides at the Étincelles, the Palais de la Découverte is hosting special online events for visitors during the renovation works. *The Esprits du Palais* podcast invites listeners to immerse themselves in the world of the Palais de la Découverte and The Étincelles du Palais, and explore scientific culture by listening to the *Sciences Lues* podcast, which features readings from classic scientific works. They can also dive back into iconic science presentations with the audiovisual series *Les Classiques du Palais* and meet the people transforming the Palais de la Découverte through its video series, *Les Chroniques du Palais*, on social media.

1 Researcher 1 Interactive Exhibit

1 Researcher 1 Interactive Exhibit is a chance to witness 'science in the making'. Scientists share their research findings with the public through live experiments and help audiences learn about the questions that puzzle researchers and the methods used to answer them.

A unique opportunity to engage with current research and discover the inner workings of laboratories.

Découverte, the magazine of the Palais de la Découverte

Découverte is a magazine that puts scientific concepts within everyone's reach. It features news stories about science, original in-depth articles written by science demonstrators and researchers, and special reports on current scientific and social issues and the work of the Palais. Topics covered in the next issues (in French) include: 'Inside the 'brain' of new generative AI: the basics' (part 1) and 'The impact of AI on our daily lives and future society' (part 2), two articles inspired by the AI exhibition presented at the Palais de la Découverte in 2025; 'Carnivorous plants: attraction and traps to capture prey' (part 1) and 'Digestion and assimilation' (part 2); 'Restoring Notre-Dame after the fire: how science and history are helping rebuild the cathedral'.



The Cité des Sciences et de l'Industrie

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Society, like children, has changed dramatically in the last 30 years. Starting in summer 2024, the Cité des Enfants will be renovated in two phases to better meet the needs and challenges facing young people today and tomorrow.

The area for children aged 5 to 12 closed on 23 June 2024 will reopen in July 2025. The space for younger children aged 2 to 7 will remain open before closing for renovations from July 2025 to July 2026.

Meanwhile, the Cité will continue to welcome children and families for temporary exhibitions such as *Dance* (until 28 June 2026), *Metamorphoses* (until 5 January 2025) and *Cats and Dogs* (from 17 February 2025 - June 2026).

Cité des Sciences
et de l'Industrie

THE CITÉ DES ENFANTS

Children aged 5 to 12 enjoy a special programme of events and workshops during the renovations:

- ▶ A special family Olympic Village throughout summer 2024.
- ▶ New demonstrations designed around our exhibitions: *Dance* (Dance with Science, Move Your Neurons and Anatomy said Dance) and *Chauvet Cave: A Scientific Adventure* (Mineral Colours - Special Operation? and Draw Me a Mammoth).
- ▶ Our 'theatrical demonstrations' for children aged 5 to 12 at the Cité des Enfants will now be held in the main building of the Cité des Sciences et de l'Industrie on weekends and during the school holidays
- ▶ Kids enjoy two daily planetarium shows, with a facilitator to lead the experience.
- ▶ Screenings every Saturday at the Louis Lumière cinema from January 2025

OPENING OF THE CITÉ DES BÉBÉS

Cité des Sciences
et de l'Industrie

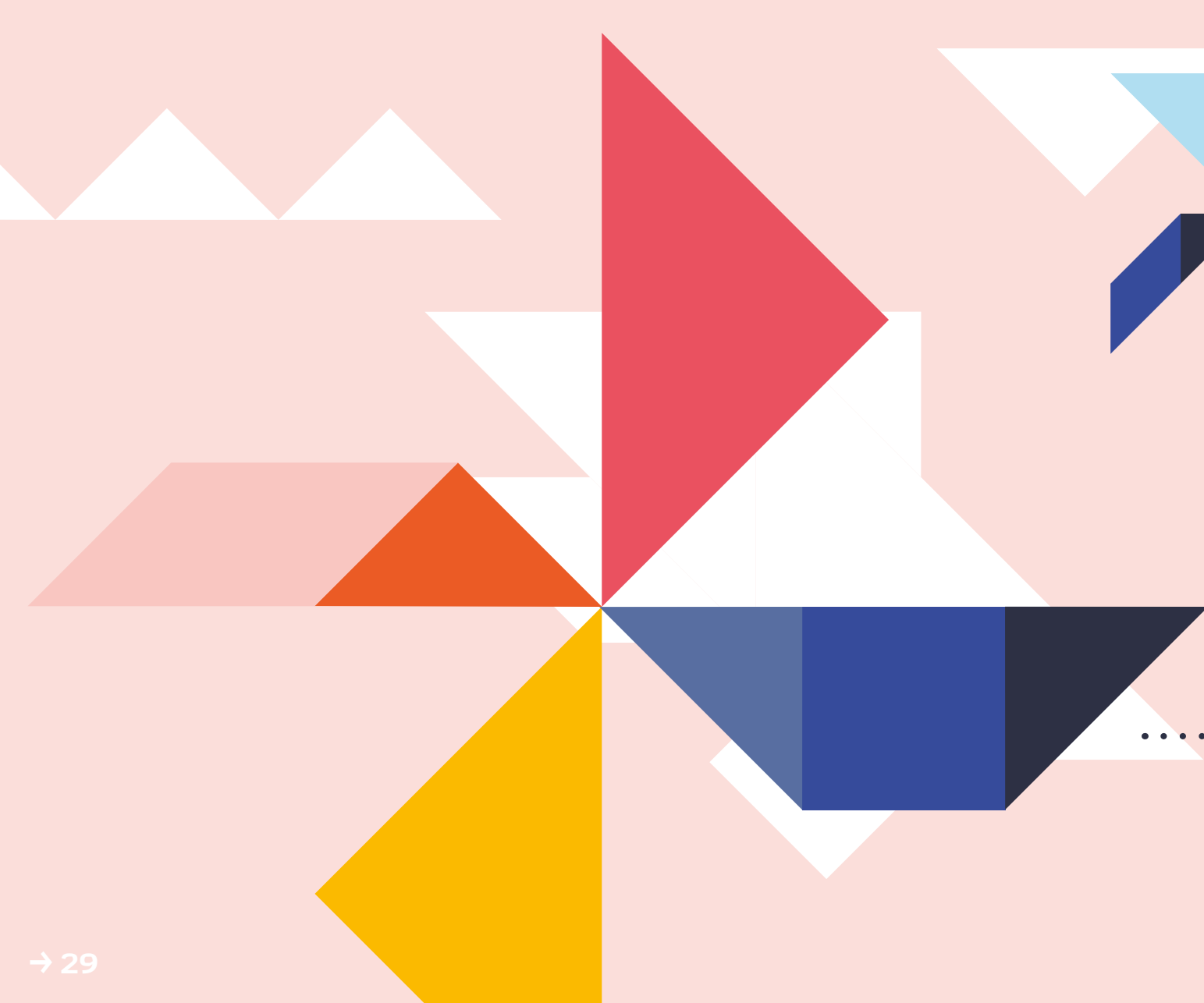
WINTER
2024

Building on the success of the 'Lab de la Cité des Bébés', which opened in July 2019, the Cité des Sciences et de l'Industrie is pleased to announce the launch of its permanent new Cité des Bébés.

Designed like a safe, cosy nest, this space is exclusively for babies and toddlers aged 0 to 23 months and accompanying adults. Aiming to foster early childhood stimulation, sensory and motor development, and the well-being of babies, toddlers and adults, the Cité des Bébés encourages babies to observe and explore the world around them in a warm and nurturing environment. This space is designed to be a plastic-free and screen-free zone, where babies and adults can enjoy quality time together.

It also offers a wide range of activities throughout the year, including a series of conferences on 'Babies: Nature and Early Development' in November 2024, led by artists, researchers and early childhood experts.





At the Cité des Sciences et de l'Industrie



New temporary and permanent exhibitions



DANCE

TEMPORARY EXHIBITION

Cité des Sciences
et de l'Industrie

2 JULY

2024

> 28 JUNE

2026



The Cité des Sciences et de l'Industrie's Curious Kids series for budding scientists continues with our latest exhibit, *Dance*, a playful, spontaneous exploration of movement and music for the whole family.

The Cité is shaking up the traditional museum experience by inviting visitors to dance their way through the exhibition. A more dynamic and engaging way to explore and observe, the exhibition is divided into four parts, corresponding to four dance movements — jumping, turning, walking and meeting — and concludes with a quiet moment of reflection. The experience alternates energetic, rhythmic sequences with quieter, more reflective moments, allowing children to explore their bodies, strengths and limitations. Visitors' bodies bring the exhibition to life as they move through the space.

Children and their accompanying adults are invited to join in a fun-filled experience featuring dance creations by professional dancers and choreographers, choreographed sequences, digital installations, a mash-up of dance videos with extracts from shows, dance films, anthropological archives and TikTok videos, and a big group dance.

→ From 4 years old

→ Programming line *Curious Kids*



→ Around the exhibition:

- Activity book
- Demonstrations
- Conferences

→ In partnership with the French National Dance Centre (CND)

→ With the support of the Caisse des Dépôts, Lead Patron

CHAUVET CAVE: A SCIENTIFIC ADVENTURE

TEMPORARY EXHIBITION

Cité des Sciences
et de l'Industrie

15 OCT.
2024

> 11 MAY
2025

Chauvet Cave is a remarkable site that has been naturally preserved for 21,500 years. Everything inside the cave is intact and dates from the Palaeolithic Age. Its rock paintings have revolutionised the way we think about prehistoric art.

Marking the 30th anniversary of the cave's discovery, the Cité des Sciences et de l'Industrie is opening a new exhibition *Chauvet Cave: A Scientific Adventure* on 15 October 2024. This exhibition takes us on a journey into the world of scientific research, exploring the big questions it's supposed to answer, the evidence gathered and the tools used, from the most advanced to the most surprising.

Visitors step into the shoes of scientists as they decode cave paintings and examine the remains of bears, wolves, fires, stalactites and footprints. This exhibition offers an immersive journey into the scientific investigations that are helping scientists unlock the secrets of the Chauvet Cave.

→ From 9 years old

→ Programming line *Beware, fresh science!*

→ Around the exhibition:

- Exhibition journal: *Grotte Chauvet, l'aventure scientifique*
- Children's book: *Grotte Chauvet - dans la peau des scientifiques*
- Planetarium screening of *La grotte Chauvet - hors du temps*
- Demonstrations
- Conference

→ In partnership with the French National Centre for Scientific Research (CNRS)

→ With the support of the Association pour le Rayonnement de la Grotte Chauvet Pont-d'Arc

SILENCE

TEMPORARY EXHIBITION

Cité des Sciences
et de l'Industrie

10 DEC.
2024

> SEP.
2025

Just like noise, silence is part of our daily lives. Although not a new phenomenon, it is increasingly hard to find. Even if, in our hectic world, there are many who long for peace and quiet, our relationship with silence is complex, and total silence can be both comforting and alarming.

The *Silence* exhibition explores the delicate balance between noise, tranquillity and silence in society and throughout history. Wearing headphones, visitors embark on a fantastical journey that explores the many different kinds of silence. Like a conductor, they orchestrate their own experience as they walk through an immersive soundscape.

→ Exhibit designed by

Musée de la
communication

the Museum of Communication, Switzerland

→ Programming line *Chemins de traverse*

CATS AND DOGS

Cité des Sciences
et de l'Industrie

TEMPORARY EXHIBITION

18 FEB.

2025

> JUNE

2026

The blockbuster exhibition *Cats and Dogs*, which debuted at the Cité des Sciences et de l'Industrie in 2015, is back in Paris with a new look, having already captivated over three million visitors across six countries: France, United States, Canada, Portugal, Austria and the United Kingdom!

From the cutest kitten to the heaviest hound, our furry companions have been our loyal companions for thousands of years. In France today, nearly 23 million households own a cat or a dog. But how did they evolve to be different from wild animals? How do they see the world? What emotions do they feel? Do they communicate? Are they able to understand us?

In the last two decades, ethology, the science of animal behaviour, has made huge strides and completely changed the way we think about cats and dogs, helping us better understand their abilities, sensibilities and intelligence on a daily basis.

An exhibition that will delight fans of our furry friends!

→ From 6 years old

→ Programming line *Curious kids*

→ Around the exhibition:

- Children's book *Chiens & Chats, sous la loupe des scientifiques*
- Activity book

REWIND:

THE RADIO

TEMPORARY EXHIBITION

Cité des sciences
et de l'industrie

APRIL
2025
> OCT.
2025

Studying the history of science and technology makes us more curious and helps us think critically.

Step back in time with the Cité des Sciences et de l'Industrie and Studio Radio France's new *Rewind* exhibition series that immerses visitors in sound as they wind back the clock to discover an object and its era.

The first exhibition in this series is all about radio, beginning in the present day and tracing its history back to the invention of the transistor in 1968.

→ Programming line
Science: quite a story!

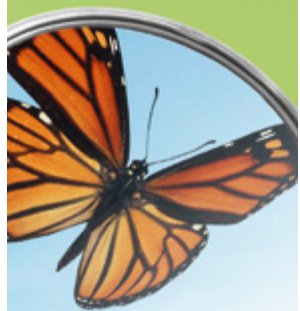
→ Around the exhibition:
• Demonstrations

The *Metamorphoses* exhibition fosters a dialogue between science and the imagination by inviting children aged 6 to 11 to explore different kinds of metamorphoses – natural, magical and personal.

The exhibition introduces children to basic scientific practice by encouraging them to observe, feel a sense of wonder and ask questions about the world around them. It's a great way to spark imagination in both kids and adults. Metamorphoses, intriguing and daunting, can lead to new opportunities...

→ From 6 to 11 years old

→ Programming line *Curious kids*



→ **Around the exhibition:**

- Children's book *L'Axolotl. Les secrets d'une métamorphose*
- Activity book
- Online interactive tale
- Augmented masks

METAMORPHOSES

Cité des Sciences
et de l'Industrie

UNTIL
5 JAN.
2025

TEMPORARY EXHIBITION

ART AND SCIENCE PROGRAMME

Cité des Sciences
et de l'Industrie

How do artists use fundamental knowledge in their artistic and theoretical work? La Cité des Sciences et de l'Industrie is hosting a series of three solo exhibitions that explore the role of fundamental sciences in contemporary art.

The series begins with **Olivia Guigue** and her exhibition *Tamesiology: Study of a Museum of Futures*, from **4 June to 3 November 2024**, exploring pollution markers such as plastics and tech waste.

Charlotte Charbonnel unveils her new installation on 26 November shedding light on the relationship between solids and fluids.

Fabien Léaustic ends the series in April 2025 with a *carte blanche* exploring agriculture and the use of natural resources.

At the Cité des Sciences et de l'Industrie

.....
highlights

Festioité #26

Offbeat Cité Festival:

21 & 22 SEP. 2024

La Cité décalée (Offbeat Cité) is a festival that celebrates the burlesque, the absurd, self-deprecation and humour. Go behind the scenes at the Cité des Sciences et de l'Industrie, find hidden quirks in posters and signs and join in the wacky activities... In short, get ready for a fun-filled day!

Environmental Emergency Forum #4 COP29

19 to 24 NOV. 2024

To coincide with the *Climate Emergency* exhibition, a range of themed activities, including games, workshops, performances, conferences, screenings and debates will take place across the Cité des Sciences et de l'Industrie. These events reflect the ongoing scientific and political discussions at COP 29 in Baku. The Cité of the Environment will be launched alongside the Environmental Emergency Forum (see page 68 for details).

Festioité #27

Cité of Senses Festival #5: Touch

16 & 17 NOV. 2024

The Cité of Senses festival is back for its fifth edition, and this year it's all about touch! Why and how do we react to contact with fluids, textures and temperatures? What is the role of the skin and epidermis in how our sense of touch works? Does this sense only concern the skin? What's new in the world of touchscreens? Can we feel touch without physically touching something, remotely, like in video games or augmented reality? A whole world of sensory experiences awaits you.





Festicité #28

The Great Kids' Party #3

7 et 8 DEC. 2024

For one weekend, the Cité becomes a huge playground for kids during the Third Edition of The Great Kids' Party. Visitors enjoy a non-stop adventure with a wide range of activities and fun, quirky performances on offer throughout the venue.



EHESS 43rd Marc Bloch Conference with Lorraine Daston

The origins of the scientific community

29 NOV. 2024

The School of Advanced Studies in Social Science (EHESS) has invited renowned scientists to speak at its annual Marc Bloch conference since 1979. The 43rd annual Marc Bloch conference will take place at the Cité des Sciences et de l'Industrie. Lorraine Daston, a leading US historian of science and director of the Max Planck Institute for the History of Science in Berlin, will be the keynote speaker.

Her conference will explore the origins, composition and functioning of the scientific community, examining how it overcomes national rivalries and individual aspirations.

The Big Game
16 JULY > 1st SEP. 2024

The Firefighters' Dance
13 JULY 2024

70 Years of CERN
27 > 29 SEP. 2024

Science Festival*
4 > 6 OCT. 2024

Sky and Space Fair
9 > 11 NOV. 2024

Women and Video Games
NOV. 2024 (see p.51 for details)

Industry Week
26 > 29 NOV. 2024

Digital and Computer Sciences Week
3rd DEC. 2024

Blinding Nights #10
13th DEC. 2024

Reading Nights - Heritage
23 > 26 JAN. 2025

Makers Forum
JANUARY 2025

Winter Stars Night
FEB. 2025

Villette eSport 2025
FEB. 2025 (see p.52 for details)

One Engineer, One Project - Women Scientists and Engineers
8 > 11 FEB. 2025

Maths Week + Chess and Maths Weekend
MID MARCH 2025

Brain Awareness Week
MID MARCH 2025

The Culinary Orchestra #4
15 & 16 MARCH 2025

'Under the Dome' Digital Arts Festival #3
21 & 23 MARCH 2025

Springtime of Critical Thinking + Critical Thinking Barometer #4
MARCH 2025 (see p.71 for details)

Immersive Cultures Fortnight
25 MARCH > 6 APRIL 2025

Autism Awareness Day
1st APRIL 2025

Junior IDF Robocup
APRIL 2025

One Engineer, One Project - Bio-inspired Engineers
APRIL 2025

Young Scientists Speak out
15 > 20 APRIL 2025

Gosplaymania Festival #2
MAY 2025

European Museums Night*
MAY 2025

Blinding Nights #11
6 JUNE 2025

Environmental Emergency Forum #5
JUNE 2025

*At the Étincelles du Palais de la Découverte too



At the Cité des Sciences et de l'Industrie

.....
exhibitions
and permanent spaces,
open-access resources

SPACE MISSION

PERMANENT EXHIBITION

Cité des Sciences
et de l'Industrie

Space is seen as both a fantastic playground and a hostile frontier that pushes us to our limits — physical, physiological, psychological and temporal.

Space Mission is a spectacular exhibition that blasts visitors into orbit to experience the challenges of space travel from the perspectives of an astronaut, a space explorer, an actor and an observer.

→ Programming line *Get Your Hands Dirty*

→ Around the exhibition:

- Activity book
- A children's nonfiction book *Space Mission*, part of the 'La Grande Imagerie' series, copublished with Fleurus
- Online game (Spatial metaverse platform): *Mars : 2084*

→ In partnership with the French National Space Studies Centre (CNES)

→ In collaboration with the European Space Agency (ESA)

→ With the support of Richard Mille and Airbus



CLIMATE EMERGENCY

Cité des Sciences
et de l'Industrie

PERMANENT EXHIBITION

To avert disaster and combat climate change, humanity must fundamentally change its relationship with the planet and unite as a global community to make deep, systemic changes to society. While the situation may seem dire, it also inspires hope and drives us to action, giving rise to grassroots initiatives and more innovative approaches to social, environmental and economic issues.

Climate Emergency takes an in-depth look at the strategies being developed to reduce carbon emissions and help our societies adapt to climate change.

The exhibition's scientific curator is Jean Jouzel, a leading expert in palaeoclimatology.

→ Programming line *Sociétéscience*

→ Around the exhibition:

- Exhibition journal
- Activity book
- Graphic novel about eco-anxiety

→ In partnership with the French National Centre for Scientific Research (CNRS)

→ Supported by the French Ministry for Ecological Transition and Regional Cohesion and the Ministry for Energy Transition, the French National Environmental Transition Agency

→ (ADEME), the French Electricity Transport Network (RTE), and the City of Paris

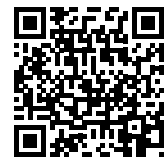
→ In collaboration with the Université Paris Dauphine-PSL

e-LAB

NEW SEASON: PLAY TIME DURATION

PERMANENT EXHIBITION

Cité des Sciences
et de l'Industrie



Video games are now the world's number one cultural pastime and a major industry in their own right. With the rise of new platforms, from smartphones to human-machine interfaces and multiplayer games, our lives and digital habits have evolved dramatically. The e-LAB's fourth season explores a new aspect of this phenomenon: Play Time Duration.

Video games offer a much-needed escape from reality, but time spent playing can be much more. In-game time not only measures the minutes spent playing compared to real-world time; it also encompasses the historical or futuristic journeys included in many games; a gameplay mechanic, that can either help or hinder players. The video game industry has been bending the rules of time since its inception. Some games transform time into experiences,

while others employ it to tell stories and shift between past and present. This duality is often seen in the distinction between action games and narrative-driven games.

This new season also explores the relationship between time and how games are played; some games are designed for longer play sessions, while others are much shorter. As a bonus, visitors also get to play *Polyolithic*, *Return of the Obra Dinn* and *Horizon Forbidden West* on large-scale devices!

Throughout the year, the e-LAB offers a unique insight into this medium — a world of fun, creativity and technical innovation — with highlights including Women and Video Games, Villettes eSport 2025, and Video Game Focus.

→ **Programming line *Fast Tracks / Science Where You Least Expect it***

Villette eSport

This year, the e-LAB, a video game space, once again puts the spotlight on competitive gaming through its annual event, Villettes eSport. The Cité des Sciences et de l'Industrie has created a one-of-a-kind festival, bringing together nonprofits like Women in Games, Afrogameuses, HsD (e-Sport Multigaming), Holiday Geek Cup and NSxC.

Join us for three days of workshops, panel discussions, tournaments and gaming sessions, meet pro gamers from France and around the world, and explore the world of esports, including its careers and communities and the latest gaming trends.

With over 11.8 million gamers, both pro and casual, esports has taken France by storm.

Don't miss the third edition of this festival, in February 2025, for heart-pounding action at new tournaments featuring pro gamers and connecting with the gaming community!



Explore the depths of the marine world with the *Under the Ocean* permanent exhibition, next to the historic submarine *The Argonaute*, launched in Cherbourg in 1957 and open to visitors at the Cité des Sciences et de l'Industrie since 1989. This exhibition dives into the challenges of exploring and studying the ocean, shedding light on the delicate ecosystem of the 'ocean machine' and the complex geological, physical, chemical and biological processes that shape it. Our fragile oceans face unprecedented threats from human activity, such as overfishing, pollution and climate change disrupting delicate marine ecosystems and affecting our planet.

Under the Ocean helps visitors of all ages learn about these important issues.

→ **Programming line Sociétésience**

→ In partnership with Amerami, Naval Group, Ifremer and the French Navy

→ **And there's more:**

- *Bio-inspired, another approach*
- *Robots*
- *BR4IN*
- *Man and his genes*
- *Mathematics*
- *Sounds*
- *The Great Story of the Universe*

THE ARGONAUTE UNDER THE OCEAN

Cité des Sciences
et de l'Industrie

PERMANENT EXHIBITION

SCIENCE NEWS

PERMANENT SPACE

Cité des Sciences
et de l'Industrie

Updated every two to three months, this exhibition area explores the latest scientific developments. Visitors discover the most recent advances in science and research and gain a better understanding of major current issues. Each new display features a three-part exploration: comprehensive investigations (reports, infographics and analyses), engaging videos with interviews and field reports, and a snapshot of the most recent scientific discoveries.

The September 2024 exhibition will explore deep-sea mining, learning with ChatGPT, microchimerism, the latest climate research, and a special infographic on pesticides created with *Epsilon* magazine.

Scientific News is shared with public institutions free of charge, both in France and abroad, including cultural and scientific networks (see page 75 for details).

Demonstrations

General public

Throughout the year, the Cité des Sciences et de l'Industrie's science facilitators organise workshops for school groups and individuals, exploring issues raised by our exhibitions or current events.

This season, discover the human body through dance and movement, learn about brain-body connections through dance styles from around the world and explore the science behind *Chauvet Cave* through demonstrations.

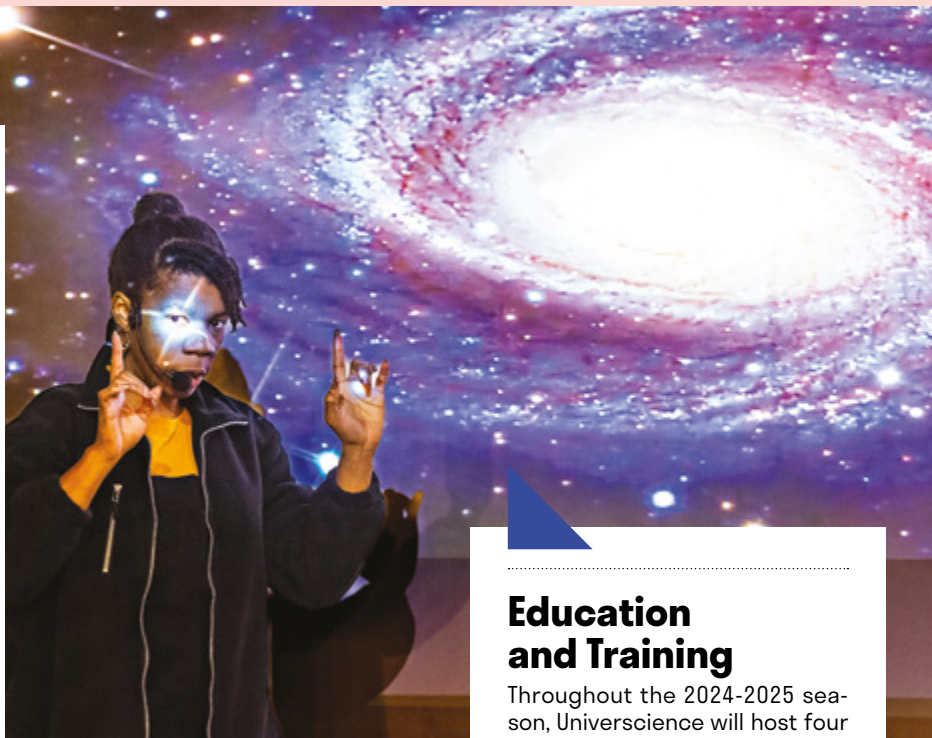
Professionals

As part of its ongoing commitment to science demonstration, education and learning, Universcience organises workshops and forums for professionals.

► The third scientific research day organised by the ReMédis network, led by Universcience since 2022 and bringing together Sorbonne Université, Université de Montpellier, Université de Lorraine, Nantes Université, OCIM, AMCGSTI, and Instant Science,

will be held in March 2025 and will equip practitioners and researchers to explore how research can inform practice and vice versa.

► *L'École de la médiation* ('Demonstration School') – a multi-partner project run by Universcience, in association with the French National Conservatory of Arts and Crafts (CNAM), Université Paris Cité, Université Paris-Saclay, ESPCI Paris - Université PSL, Traces, Planète Sciences et les Petits Débrouillards — organises a range of activities to promote public engagement and demonstration in the fields of culture and science, including Qualiopicertified training on critical thinking, social inclusion, hands-on approaches, project design and more. E-learning modules will also be available from 2025. Monthly professional forums will also be organised to review current demonstration practices. The 2024 programme includes: 'The Future of Public Engagement' and, in 2025, 'Uncomfortable Emotions?'



Education and Training

Throughout the 2024-2025 season, Universcience will host four T'EDUC events specially designed for teachers and the education community. These half-day themed workshops include a panel discussion, teacher tours and presentations on educational resources related to our exhibitions: 'Dance and Body Awareness', 'Prehistory: An Interdisciplinary Exploration', 'Animals and Empathy: Lessons for the Classroom', 'Art and Science at the new Palais: AI and Art'.

Conferences

OPEN-ACCESS RESOURCES

Cité des Sciences et de l'Industrie and available on demand

Every year, the Cité des Sciences et de l'Industrie welcomes some one hundred researchers for panel discussions, conferences and public events.

From September 2024 to January 2025, as part of *Space Mission*, guest scientists will discuss the latest findings in space exploration, covering topics from Mars to dark energy and solar flares. Additionally, to celebrate CERN's 70th anniversary, the Conferences team will take the audience on a journey through this international nuclear research organisation's fascinating history, from the construction of the Large Hadron Collider (particle accelerator) near Geneva to the discovery of the Higgs boson, a fundamental particle of our universe.

The second half of the season will explore conflicts, delving into the technologies of war and their depictions in TV series and video games.

Our 'My First Conference' programme will continue to run throughout the season, offering children exciting conferences that will inspire and amaze them.

THE BIOLAB

PERMANENT SPACE

Cité des Sciences
et de l'Industrie

The Biolab is a publicly accessible laboratory and a gateway to the microscopic world and ecosystems. Here, visitors can explore freshwater microscopic biodiversity, soil ecosystems, the vibrant colours of living organisms and more.

Observe, experiment, join in and work together! In this science demonstration space, the public plays an active role in workshops and hands-on science projects.

The Biolab's programme is constantly evolving, shaped by our visitors' discoveries and ideas. This dynamic approach encourages the development of new solutions for a more sustainable future.

→ From 12 years old



THE PLANETARIUM

PERMANENT SPACE

Cité des Sciences
et de l'Industrie

The Universe is an endless source of creative inspiration, and The Planetarium at The Cité des Sciences et de l'Industrie is always coming up with new and exciting immersive shows.

From 15 October 2024, *Chauvet Cave – Out of Time* offers a thought-provoking and contemporary snapshot of this archaeological wonder through the lens of photographer Raphaël Dallaporta, who shares his exclusive insight into Chauvet Cave with the public!

Embark on an interstellar voyage with a new version of *Black Holes*, launching 12 March 2025, exploring the life of stars and the power of black holes.

This season, you can also join us for *Hazelnuts*, a show for children starting 21 December 2024. And for a family-friendly experience, don't miss *Nap Under the Milky Way*, a uniquely relaxing journey under the stars, coming mid-March 2025.

Pink Floyd – The Dark Side of The Moon Planetarium Experience will be extended until 28 December 2024. This musical film, produced by the studio of the UK Space Agency's National Space Centre, is a nostalgic nod to the legendary album's 1973 launch party at the London Planetarium.



Discover, experiment, create, discuss, lead and collaborate on projects. At the Cité des Sciences et de l'Industrie, we engage the public by taking an innovative and interdisciplinary hands-on approach to exploring digital culture together.

Year-round, this inclusive and welcoming space devoted to digital culture invites you to discover, dream, design and make a difference. A Fab Lab, with machines and an audio-video creation studio, is open to everyone, while the Living Lab is specially designed for project leaders in search of a helping hand.

Throughout the year, we offer a packed calendar of events, from community engagement, panel discussions and discovery workshops to hands-on and co-creation activities. There's something for everyone, no matter your experience level.

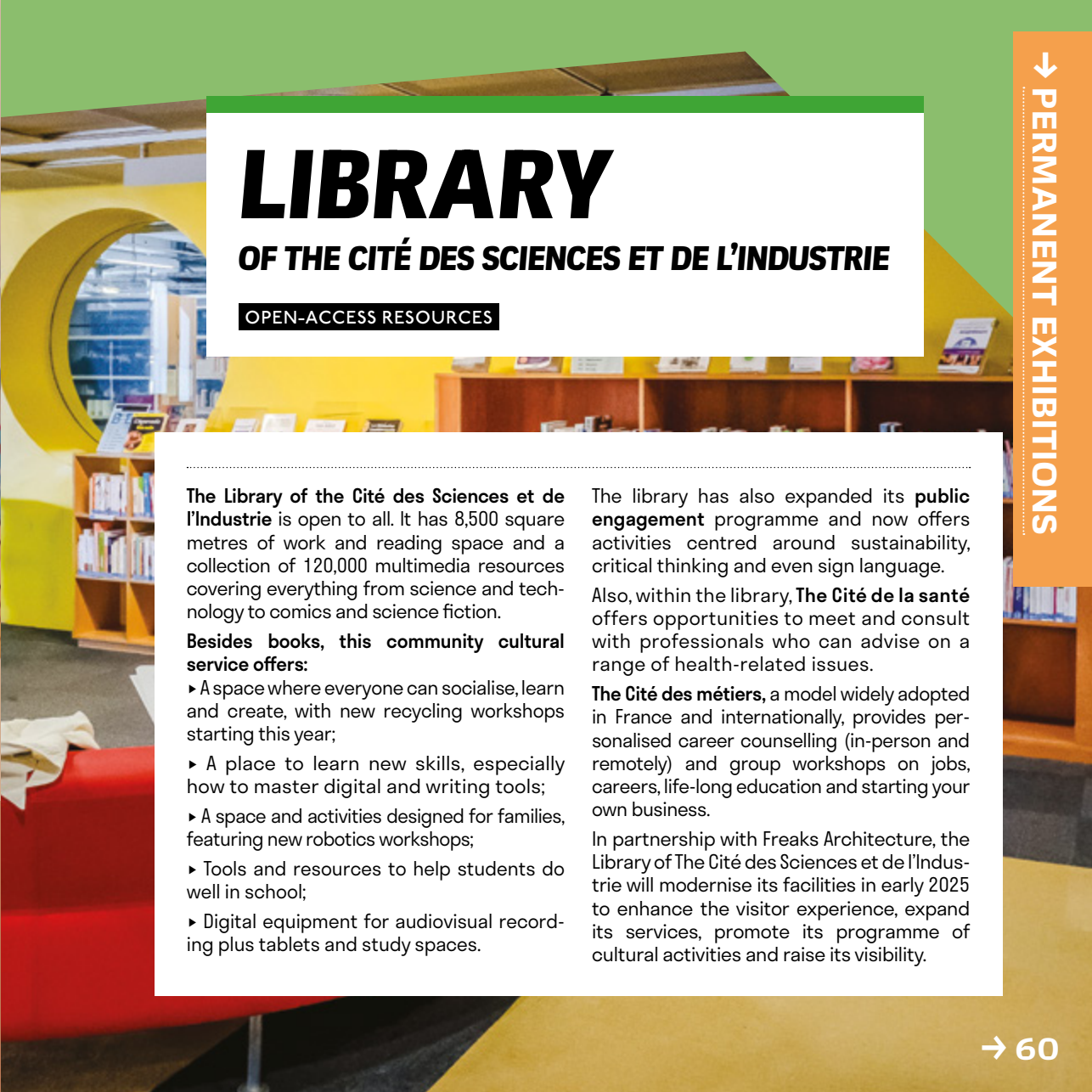
The outreach activities organised by the *Fab Lab à l'école* ('Fab Lab at School') initiative help students explore new learning methods centred around 'doing' and 'doing together,' fostering a sense of responsibility and autonomy in everyone (see page 76 for details).

→ With the support of MathWorks, Kimya by ARMOR and Dassault Systèmes

DIGITAL HUB²

Cité des Sciences et de l'Industrie

OPEN-ACCESS RESOURCES



LIBRARY

OF THE CITÉ DES SCIENCES ET DE L'INDUSTRIE

OPEN-ACCESS RESOURCES

The Library of the Cité des Sciences et de l'Industrie is open to all. It has 8,500 square metres of work and reading space and a collection of 120,000 multimedia resources covering everything from science and technology to comics and science fiction.

Besides books, this community cultural service offers:

- ▶ A space where everyone can socialise, learn and create, with new recycling workshops starting this year;
- ▶ A place to learn new skills, especially how to master digital and writing tools;
- ▶ A space and activities designed for families, featuring new robotics workshops;
- ▶ Tools and resources to help students do well in school;
- ▶ Digital equipment for audiovisual recording plus tablets and study spaces.

The library has also expanded its **public engagement** programme and now offers activities centred around sustainability, critical thinking and even sign language.

Also, within the library, **The Cité de la santé** offers opportunities to meet and consult with professionals who can advise on a range of health-related issues.

The Cité des métiers, a model widely adopted in France and internationally, provides personalised career counselling (in-person and remotely) and group workshops on jobs, careers, life-long education and starting your own business.

In partnership with Freaks Architecture, the Library of The Cité des Sciences et de l'Industrie will modernise its facilities in early 2025 to enhance the visitor experience, expand its services, promote its programme of cultural activities and raise its visibility.

Le Blob

Scientific News Media

LE BLOB

SCIENTIFIC NEWS MEDIA

OPEN-ACCESS RESOURCES

Online on
leblob.fr

→ LE BLOB

Le Blob is an online science news source, serving up daily videos and articles providing reliable, accessible and engaging facts and insights on the latest advances in science and research.

Le Blob takes a journalistic approach to science and technology news, exploring new discoveries and their impact on society across its website, YouTube channel and social media.

With so much information out there, Le Blob helps us make sense of the big changes happening in the world, like the climate emergency and the AI revolution.





Universcience



our commitments

SUS-TAINA-BILITY

is central to Universcience's actions, decisions and commitments

As a national public science centre and in line with our mission to promote scientific, technical and industrial culture to the widest possible audience, Universcience has a dual responsibility:

- ▶ as a science centre, our goal is to change how members of the public think about science to spur awareness and drive action based on scientific fact;
- ▶ as an operator, we have a duty to adopt responsible behaviours to decarbonise our activities.

The goal of sustainability, along with innovation and critical thinking, is a central focus of our 2021-2025 Strategic Plan, and shapes our policies. This commitment drives not only our programming but also our actions, commitments and choices.

Programmes that address these challenges

▶ **Groundbreaking exhibitions** exploring environmental issues and the future of our planet:

- *Urban Mutations*
| June 2016 > March 2017
- *Bio-inspired, another approach*
| permanent exhibition
- *Jeans* | Dec. 2020 > May 2022
- *Renaissances* | July 2021 > March 2022
- *Climate Emergency*
| permanent exhibition
- *City of Tomorrow – An exploration of 1000+ solutions* developed with the Solar Impulse Foundation
| 20 SEP. 2023 > 7 Jan. 2024
- *Waste Age*
| 12 Dec. 2023 > 1st SEP. 2024

▶ **Specialised demonstration** and ongoing events: Environmental Emergency Forum.

▶ **A permanent editorial line on leblob.fr**, Universcience's online media outlet, including the *What's Behind Climate Change?* series.

▶ **Fostering the maker culture and DIY** (Maker Faire, Mini Maker Faire, Fab Lab programmes in schools, etc.).

▶ **The Library of The Cité des Sciences et de l'Industrie's documentary resources** and support to help members of the public grasp the subject better in their everyday lives.

Community spaces and projects with a focus on sustainability

▶ **The Étincelles du Palais de la Découverte was mostly constructed with wood sourced from recycled or recovered materials.** Over 90% of the interior spaces were built from recycled materials originally from the Palais de la Découverte, including workbenches, furniture and partitions, totalling 17 tonnes of recovered materials.

▶ **The Palais de la Découverte implemented a global environmental strategy** during the renovation works, which included improved acoustics, waste management and water usage leading to the awarding of **High Environmental Quality (HQE) Certification.**

▶ After implementing a wildlife survey (fauna, flora and habitats), **The Cité des Sciences et de l'Industrie** has been recognised as a bird sanctuary by the **French Bird Protection League (Refuge LPO – Ligue de Protection des Oiseaux).** This certification marks a concrete step towards fulfilling our commitment to protect and improve the 'ecosystem' through initiatives such as creating nesting areas and planting vegetation in the moat, the north forecourt meadow and other outdoor spaces without using phytosanitary products.

▶ **Each Universcience exhibition** – temporary or permanent, is **designed with sustainability in mind**, including reusing and recycling displays and donating materials. Sixty per cent of the materials used for Universcience exhibits are now given a second life.

▶ **Universcience's communication strategy prioritises sustainability** by significantly reducing paper consumption and, when paper is necessary, using vegetable inks and FSC- or PEFC certified or 100% recycled paper and efficient formats to minimise paper waste and ink usage.

Universcience has a proactive and employee-inclusive internal CSR (Corporate Social Responsibility) policy

► **Promoting sustainable transportation:** we plan to install 150 bike parking spaces, a selfservice bike repair station and a pump.

► **Making it easier to work remotely:** the growth of remote working, spurred by the health crisis, has led to new ways of working – remote working, virtual meetings and online training – substantially decreasing the need for staff to travel.

► **Adopting eco-friendly practices:** recycle, sort waste, use less paper, and so on.

► **Promoting employee awareness:** monthly awareness events focused on CSR policies for all staff.

Introduction of a 'sustainable mobility' rate

Starting 4 April 2023, Universcience provides a 'sustainable mobility' discount (a €1 off the admission ticket to the Cité des Sciences et de l'Industrie and €0.50 on the Étincelles du Palais de la Découverte ticket) for cyclists and scooter, segway and roller-skate users. Just leave your helmet in the cloakroom to get the discount.

Universcience is carrying out a carbon footprint assessment

Universcience has gone beyond its regulatory requirements by conducting annual carbon footprint assessments that inform its decarbonisation efforts. Like many public venues, the vast majority (89%) of its greenhouse gas emissions come from visitor transportation. Our decarbonisation strategy centres on two measures:

- we aim to reduce our operational GHG emissions by 16% by 2025 and 40% by 2030, excluding visitor travel;
- steps to decrease the carbon footprint of visitors.



Universcience becomes the first French cultural institution awarded the Digital Sustainability label

The Numérique Responsable ('Digital Sustainability') label recognises and unites organisations in their efforts to reduce the impact of digital technology on the environment. To earn this label in April 2023, Universcience produced a three-year roadmap containing over forty initiatives and follow-up indicators to help it develop more sustainable, ethical and inclusive digital practices.



La Villette Congress Centre (CCV) has been ISO 20121-certified since 2022

ISO 20121 is a global standard that sets guidelines for sustainable event management. To share these best practices and sustainable uses, we produced a white paper outlining the certification process.



The Cité de l'Environnement

Opening in autumn 2024, the Cité de l'Environnement will provide the public with the most up-to-date scientific information on pressing issues such as climate change, biodiversity loss, desertification and ocean health, through a programme focused on eleven key topics: history, geopolitics, science, technology, economics, law, environmental ethics, alternative practices, political action and community engagement and culture.

Launched by The Library of the Cité des Sciences et de l'Industrie, this initiative aims to showcase ethical science that recognises the interconnectedness of humanity, the biosphere and the planet's systems and their limitations.

A University of Lausanne study ranks Universcience as one of the world's most sustainable cultural institutions

How socially and environmentally sustainable are museums, theatres and cultural institutions? In February 2024, researchers from the University of Lausanne's Faculty of Geosciences and Environment released the findings of a global survey of over 200 leading institutions.

The study assessed factors such as governance (commitment, strategy, implementation and transparency), social impact (integrity, partnerships, urban integration, access, diversity and inclusion, employee well-being etc.), and environmental sustainability (climate, biodiversity, water, waste, energy, mobility, etc.) and ranked Universcience eleventh among international cultural institutions and sixth among museums. Universcience is the only French institution recognised as a 'sustainability champion' in this ranking, underlining its commitment to sustainability, a central focus of its 2021-2025 Strategic Plan, as reflected in its operations and programmes.

Paris: The Zero-Plastic Challenge

Since 2019, the City of Paris has been teaming up with local businesses and nonprofit groups to build an environmental roadmap to reduce the consumption of single-use plastics.

Universcience signed up for the roadmap on 5 June 2023 and, during the 2024 Olympic Games, provided visitors with public water refill stations for their bottles and cups.



Leading the Biodiversity Working Group of the Sustainable Development Club for Public Establishments and Enterprises (Club DDEP)

The Sustainable Development Club for Public Establishments and Enterprises is a voluntary network of over 150 public organisations actively working towards sustainability. The Ministry of Ecological Transition's General Commission for Sustainable Development (CGDD) oversees the initiative. The club has two specialised working groups focused on health and sports and two cross-functional working groups dedicated to training and biodiversity.

By setting up the biodiversity working group in January 2024, the club's members demonstrated their commitment to preserving biodiversity and making it a central part of their organisations. Co-led by members of the General Commission for Sustainable Development (CGDD), Universcience, the French Biodiversity Agency (OFB), and the French National Museum of Natural History (MNHN), it ensures members work together to preserve our natural heritage.

Partnership with Climate Fresk

Building on their respective commitments to sustainability, the Cité des Sciences et de l'Industrie and Climate Fresk have joined forces to raise public awareness of the climate emergency and the need to collectively transform our societies to address this pressing challenge. Under this partnership, Climate Fresk organises workshops at the Library of the Cité des Sciences et de l'Industrie every weekend, alternating between Saturday mornings and Sunday afternoons. For three hours, participants work with a facilitator to explore complex issues around climate change using a group intelligence game based on scientific data from the IPCC. These group workshops are open to everyone and use a card game to help us understand the links between the causes and effects of climate change.

CRITICAL THINKING

The world is changing at a rapid pace and altering our relationship with knowledge and information. Driven largely by the digital revolution, academic language now shares the public arena with a multitude of voices in an endless stream of digital content produced by an array of creators, including machines, and shared instantaneously worldwide by global digital platforms. In this radically changed environment, the challenge is no longer to locate information but to learn how to sort and evaluate it, helping us form our own judgments as freely as possible. This is precisely why critical thinking is now more essential than ever.

Critical Thinking Label



→ Follow this label year-round to identify Universcience's content, featuring Critical Thinking, including events, demonstrations, videos, and more.

Fostering a culture of critical thinking is one of the biggest challenges facing us today, which is why Universcience has joined forces with other actors who recognise the urgent need for action on this issue. Universcience has prioritised this topic and, since 2022, has dedicated a wide-ranging annual programme to it, consisting of:

- ▶ A measurement and analysis tool, the **Critical Thinking Barometer**. Developed with input from a scientific committee including Michel Dubois, Emiliano Grossman, Elena Pasquinelli, Magda Tomasini and Michel Wieviorka, the Barometer conducts public opinion surveys on French people's **relationship with science, their sources of information and how they debate and form opinions**.

- ▶ A highlight of our programme targeted at the general public, the **Springtime of Critical Thinking** has grown into a major national event since 2024, bringing together multiple national partners simultaneously to present a varied programme of events – workshops, exhibitions, demonstrations, conferences and panel discussions – on critical thinking. Over two weeks, visitors can enjoy a range of activities at The Cité des Sciences et de l'Industrie, the Étincelles du Palais de la Découverte, and online at leblob.fr.

The 2025 Critical Thinking Barometer will feature a new set of questions focused on **food**.



ACCESSIBILITY

Universcience has always worked hard to make its facilities accessible to everyone. Across its locations, Universcience has developed an accessibility strategy designed to provide everyone, regardless of their needs, with a high-quality visitor experience. We strive to create an inclusive environment where every visitor can benefit from all our services and facilities, including exhibitions, demonstrations and events, and physically access digital resources and interactive experiments. We aim to provide both content and a memorable visitor experience.

This accessibility policy was developed as part of a two-pronged approach to recognise the unique needs of people with disabilities and to create the resources to empower them. This is why Universcience has held the tourism and disability label for all four disabilities since its founding in 2001.



Universcience sites have:

- ▶ **Installed facilities** to ensure access for all, such as lifts, accessible toilets, tactile paving, induction loops, clear signage with large pictograms, rest areas and assistive devices including portable seats, strollers, wheelchairs and magnifying glasses.
- ▶ **Audiovisual content** with French subtitles and, in most cases, simultaneous translation in French Sign Language.
- ▶ **Tactile and audio guides** are provided routinely to enable those who cannot or choose not to read to fully appreciate the exhibitions. Texts in Braille are also provided. Worksheets in basic French are also freely accessible in these areas.
- ▶ **Training** to help staff understand the unique needs of each visitor.
- ▶ **A specialised team** designs and produces visitor aids adapted to any situation (available on the Universcience website).
- ▶ **Special events**, like World Autism Awareness Day and an event highlighting the contribution of professionals working in the social sector: Vous avez la parole ! ('Make your voice heard!').

Universcience is committed to **SERVING COMMUNITIES EVERYWHERE**

Based on our Critical Thinking Barometer, Universcience, a state-funded organisation, develops programmes and initiatives to help people nationwide learn more about science.



Science News, real-world exhibits and freely accessible digital content.

Science News is both an exhibit and a news source that breaks down the latest news on science, technology, environment and health and provides a platform for scientists to share their work.

Non-profits can access *Science News* in a digital format that can be easily adapted and printed.

Le Fab Lab à l'école ('Fab Lab at School'): a tool to promote digital culture in schools and colleges

For several years, Universcience's Fab Lab – or Digital Fabrication Lab – at The Cité des Sciences et de l'Industrie in Paris has equipped students with the latest digital fabrication tools to invent, test and create, helping to foster their curiosity and ingenuity, collaboration and independent thinking. Building on this success, Universcience set up the *Fab Lab à l'école* programme in 2018 to promote digital literacy among young people. This artistic and cultural education programme is specially designed for middle school educators and learners.

Since its launch in 2018, the Fab Lab à l'école programme has grown steadily and achieved tangible results. It will be available in all 18 regions by the end of 2024, reaching around 220 schools. This regional rollout is part of a collaborative effort involving science, technology and industry stakeholders, as well as academic institutions and the Réseau Canopé network.



→ Supported by the French Ministry of Culture

→ In partnership with the Ministry of National Education, the Ministry of Territorial Cohesion and Relations with Local Authorities, the National Agency for Territorial Cohesion, Youth and Sports, and the Île-de-France Region

→ National partners: Réseau Canopé, MAIF, Kimya, an Armor Group Company

→ Regional partners: Merck, Casden Banque populaire, Instant Science

Our traveling exhibitions

Universcience plays an active role in national and international networks for science culture professionals

→ Throughout the year, Universcience shares best practices and fosters partnerships by collaborating with science centres, museums (including science museums), science festivals, research organisations and universities in France via the Amcsti network and across Europe via Ecsite.

These exchanges boost innovation and creativity, ensuring a more rewarding experience for visitors.

About Love

→ Musée des Confluences – Lyon
UNTIL 25 AUGUST 2024

Body and Sport

→ Le Life – Saint Nazaire
15 JUNE > 16 SEP. 2024

Microbiota, inspired by 'Gut: The inside story of our body's most underrated organ'

→ Bloomfield Science Museum
Jerusalem – Israel
UNTIL 30 SEP. 2024

→ Espace des sciences – Rennes
24 SEP. 2024 > 9 MARCH 2025

Fragile!

→ Le Zoom – Laval
23 MARCH > 3 NOV. 2024

Gold

→ Château Chanorier –
Croissy sur Seine
9 APRIL > 27 OCT. 2024

Special Effects

→ Cité des télécoms –
Pleumeur Bodou
19 FEB. 2024 > END 2025

Cats and Dogs

→ Muséum d'histoire naturelle
– Marseille
20 APRIL 2024 > 5 JAN. 2025

→ Mayborn Museum Complex
Texas – United States
JUNE > SEP. 2025

Banquet

→ Centre des sciences
Montreal – Canada
16 MAY 2024 > 16 MARCH 2025

→ Telus Spark
Calgary – Canada
7 APRIL > 2 SEP. 2025

Jeans

→ Les musées de Nîmes
12 APRIL > 16 NOV. 2025

Crowds

→ Quai des Savoirs – Toulouse
31 JAN. > 2 NOV. 2025

Chauvet Cave

→ Grotte Chauvet 2 –
Vallon Pont d'Arc
JULY 2025 > DEC. 2026

Reopening of THE GÉODE

Opposite the Cité des Sciences et de l'Industrie in the Parc de la Villette, the Géode, a masterpiece by architect Adrien Fainsilber, opened in 1985. A mirrored sphere composed of 6,433 polished stainlesssteel triangles, it spans 36 metres in diameter, the equivalent of a 12-story building.

In January 2018, following a tender for innovative projects, Universcience awarded the management of this venue to Pathé Cinemas. The Géode will soon reopen its doors following a renovation project that began in November 2018.

2023 IN REVIEW: KEY FIGURES

2,456,838 visitors

- The Cité des Sciences et de l'Industrie
- The Étincelles du Palais de la Découverte

12,070,263 online visitors

- cite-sciences.fr • palais-decouverte.fr
- universcience.fr • leblob.fr

833,193 visitors to the Cité des enfants

- The Cité des Sciences et de l'Industrie

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