HERE, SPACE IS AVAILABLE FOR EVERYONE TO EXPERIENCE AND EXPERIMENT

**PREAMBLE:** Cité de l’Espace in a nutshell

1. **WHAT’S NEW?**
   1.1. A new temporary exhibition: *Astronauts*
   1.2. New IMAX 3D and Planetarium shows
   1.3. A new mediation and new educational workshops

2. **SPECIAL EVENTS EVERY DAY**
   2.1. Live news from Space at Cité de l’Espace and www.cite-espace.com (cf. 2016 Agenda in appendices)
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3. **PERMANENT EXHIBITIONS**
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PREAMBLE
CITÉ DE L’ESPACE IN A NUTSHELL

CITÉ DE L’ESPACE, A UNIQUE VENUE FOR SHARING THE EUROPEAN AND INTERNATIONAL SPACE ADVENTURE

Cité de l’Espace is located at the heart of Toulouse, the European Space Capital, which, with the Midi-Pyrénées Region, has nearly 12,000 employees working in the field of Space. Supported by the major organisations in the field, Cité de l’Espace is ideally placed to keep the public informed on this fabulous scientific and human adventure which changes every day.

Cité de l’Espace is unique, at the crossroads of many missions and professions. Sharing progress in Space science and astronomy as widely as possible, encouraging visitors to learn more, inspiring new vocations, acting as a “resonance chamber” for the Space industry, presenting the latest news from Space and astronomy, bolstering tourism in Toulouse and its region: such are the roles of Cité de l’Espace.

To that end, it has developed a dense network of partners in all fields: cultural, scientific, industrial, educational, tourist (cf. Partners page).

Recently renovated, Cité de l’Espace is again in line with trends in Space and public expectations.

In 2012, Cité de l’Espace underwent a major metamorphosis by completely revamping its permanent exhibitions and initiating a new approach to mediation: more humane, more sensory, more immersive, modern, entertaining, very concrete, accessible for everyone and very topical.

Today, Cité de l’Espace proposes a chance to discover ongoing activities in Space and astronomy to satisfy the interests of visitors, both children and adults.
Cité de l’Espace is pursuing its development with a will to open to everyone — those who are curious, dreamers or enthusiasts — by offering visitors an exciting innovative authentic accessible experience.

The sky and Space appeal to a very broad range of people with very different interests and Cité de l’Espace has always aimed to attract as many different visitors as possible: the local population and foreigners, families, groups of friends, as well as school groups of all ages.

Since 2014, observing the sky has grown in popularity at Cité de l’Espace: visitors now wish to observe the sky during the day, taking a closer look, live, through a telescope lens: a compelling sensitive experience for all visitors to Cité de l’Espace.

Opening an astronomy dome to understand the sky or simply to discover the sheer beauty of celestial bodies is one expression of this new approach combining knowledge, sensory experience, scientific culture, simplicity, contemplation, curiosity and authenticity.

A programme of activities, shows and meetings also enables all visitors to get a better grasp on the Universe around us.

Giving everyone a chance to understand the reality of Space and comprehend the world around us.

Of course, Cité de l’Espace has kept the key elements that have made its success: authentic full-size spacecraft to plunge into the reality of Space and feel like an astronaut, audiovisual shows taking audiences to the confines of the Universe, and simulators, to share the adventure in Space with young and old alike.

Cité de l’Espace also organises meetings and events to enable visitors to “experience” the latest astronomical, cultural and Space news live.

The watchwords are curiosity, accessible knowledge, sensory experience and breaking news on Space and astronomy.
1. WHAT’S NEW?

1.1. A NEW TEMPORARY EXHIBITION:

ASTRONAUTS

The new ASTRONAUTES exhibition at Cité de l’espace will enable everyone, young and old alike, to discover the astronauts’ extraordinary daily lives in the ISS (International Space Station), a spacecraft with 6 astronauts on board that orbits the Earth every 90 minutes, 400 km above the Earth’s surface. In weightless conditions, everything is different; every gesture of daily life has to be reinvented and learned all over again. Space is a special environment where all our habits and bodily functions are disrupted.

Since astronauts have many tasks to accomplish during their scientific missions, they must adapt quickly to their new environment. They must also take the time to rest in this cramped, confined space with a breathtaking view on the Earth!

The new ASTRONAUTES exhibition at Cité de l’espace aims to show the public this new life, far from our usual habits.

1.2. NEW IMAX AND PLANETARIUM FILMS

NEW IMAX FILM: JOURNEY TO SPACE 3D

In the course of the past half-century, humans went through the stratosphere, walked on the Moon and lives in Space, in orbit, for long periods of time. In future decades, our insatiable curiosity propelled out species beyond the cradle of the Earth to touch the surface of another world. This film presents the projects on which NASA and the Space community are working, and the challenges they must meet by undertaking daring missions, such as landing astronauts on Mars and capturing asteroids.

Journey to Space 3D offers a very broad overview of past successes in Space, today’s activities and future projects. This film takes audiences on a journey to the next giant leap into Space. Next stop: Mars!

Journey to Space 3D was made in 2015, produced by Don Kempf, Mark Kresser, Andy Wood and directed by Mark Krenzien.

Duration: 42 minutes
NEW PLANETARIUM FILM: FROM EARTH TO THE UNIVERSE

It is only recently that we could truly comprehend our place in the vast Cosmos.

*From Earth to the Universe* makes us leave our home to take us out to the colourful birthplaces and burial grounds of stars and still further out, beyond the Milky Way to the immensity of myriad galaxies.

All along this journey, the audience discovers the evolution of astronomy, the invention of the telescope and today’s giant telescopes which enable us to explore the Universe even more extensively.

The director, Theofanis N. Matsopoulos, describes this film as “a colourful and inspiring journey... the visuals are stunning and really speak for themselves, showing just how far humanity’s ambition has taken us in terms of observing and understanding the Universe.” *From Earth to the Universe* was produced by Theofanis Matsopoulos and the European Southern Observatory (ESO).

Duration: 30 minutes

1.3. A NEW MEDIATION AND NEW EDUCATIONAL WORKSHOPS

A new dynamism for Cité de l’Espace and new, more active and creative mediation, for all audiences.

Cité de l’Espace completely renewed its permanent exhibitions in 2012 and opened the Astronomy Dome in 2014. The school workshops are a fundamental cornerstone of this structure to build a new Cité de l’Espace, in synch with the world around it and turned towards changing expectations of all its visitors.

Educational activities at Cité de l’Espace: a priority from the start

Since it opened in June 1997, Cité de l’Espace developed a dynamic educational policy around Space and astronomy for students of all levels through special programmes. Guided theme tours, school workshops, documents, preparation of teachers, original events like the Children’s Scientific Congress: Cité de l’Espace aims to encourage vocations for the Sciences and Space and develop complementary approaches to teaching in schools.
New educational workshops

“An Indian island is threatened by rising sea levels... Is this because of climate change? What can be done?”

“An astronomical object is heading towards Earth... Is this a threat for our planet? How can we protect ourselves from this hazard?”

Are these scenarios for a film? No, they are the starting point for two new school workshops organised by Cité de l’Espace and available in different versions, adapted for primary school to the end of secondary school. Three theme workshops are currently available: Astronomy, the Earth (environment) in different versions, adapted for adapted primary school to the end of secondary school, and Shadow and light, a workshop for the youngest pupils from nursery school to the end of primary school.

Teamwork, being immersed in a concrete situation accessible to everyone. Because Science must always be based on experimentation, with these new workshops, the students are divided into 6 groups of 3 and have 1 hour to answer a question, using only experimental material, digital tablets with selected resources, a mission and a scientific mediator to assist them.

The arrangement of the labs has been completely restructured to provide maximum autonomy for the students. Observation, analysis, hands-on experimentation and a wide range of skills are required over this 1-hour period, enabling all participants to contribute to the research, regardless of their aptitude, scientific or other. This is adapted to everyone. Each individual can test his/her hypotheses.

Autonomy, teamwork and self-esteem are the watchwords for these new workshops. The students, in groups with the assistance of a scientific mediator, must find their own answers to the questions asked in the context of these scenarios.

Reviving interest in Science for everyone, through experimentation, experience and creativity. At a time when students seem less drawn to scientific disciplines, Cité de l’Espace proposes a new, more concrete, more active approach to the Sciences, by completely overhauling its school workshops to provide a new vision of the Sciences and attracting the curiosity of all students, regardless of their knowledge and centres of interest.
These workshops of a new type were designed with the help of teachers working with Cité de l’Espace.

The programme: charring a marshmallow to reconstruct a meteorite’s fusion crust; creating a comet with dry ice and charcoal; simulating a tsunami in an aquarium; analysing the rotation of an asteroid around a spit; pouring vinegar on a seashell, etc.

Information: Duration of a school workshop at Cité de l’Espace: 1 hour
Partner: Académie de Toulouse.
Venue: in laboratories, 2 themes: Astronomy and the Earth
School levels: from primary school to the end of secondary school
Shadow and Light theme: from nursery school to the end of primary school

2. SPECIAL EVENTS EVERY DAY

2.1 SPACE NEWS LIVE

Cité de l’Espace enjoys bringing together the experts and researchers who “make Space news” with the general public by organising live events and activities.

These popular events are organised to share exceptional astronomy and space missions as widely as possible with meetings, live images, explanations, demonstrations and experiments for everyone.

A varied programme is prepared every year for this purpose and appended to this press kit and available at http://www.cite-espace.com/evenements/

And on the Cité de l’Espace website, you can access Space news at www.cite-espace.com

Sharing the latest news on Space every day and as widely as possible all over the world: such is the vocation of the Cité de l’Espace news site http://www.cite-espace.com/actu-spatiale/toute-actu-spatiale/.

Its aim is to pursue on the Internet the vocation of Cité de l’Espace: to provide the keys for understanding Space and what is happening there. On its website, Cité de l’Espace posts original articles, videos and an agenda and presents the astronauts in Space at any given time, exploration missions, future launches, what’s happening behind the scenes in Space and special accounts and unpublished documents on the living history of this human adventure. The site is intended for everyone, newcomers and aficionados. It is available in French, English and Spanish. It features live broadcasts of events in Space with live commentary in French. You can also keep up with the latest news from Space at @CitEspace
2.2 STAFF WHICH CAN ADAPT TO ALL VISITORS

Making Space lively and accessible every day to everyone at Cité de l'Espace and on its website www.cite-espace.com: such is the purpose of this unique venue.

With its permanent and temporary exhibitions, gardens, Astronomer's Dome, planetariums, Weather Station (Pôle Météo), Soyuz spacecraft or Moon Runner simulator, as well as events for the general public and school groups, Cité de l'Espace and its mediators invite visitors to participate in their discovery of Space and bear witness to the adventure in Space, adapting to different types of visitors.

3. PERMANENT EXHIBITIONS

Cité de l'Espace aims simply to attest to the great advances in Space exploration and satisfy the expectations of as broad and varied a public as possible: visitors passing through the region, tourists, families, individuals and groups, whether for tourism or from schools.

At Cité de l'Espace, visitors become players in their exploration, through many experiments and experiences to enjoy discovering Space and its latest developments. Entirely scripted and staged, their itinerary is organised round six main themes, each with its own decor.

In 2012, after 15 years of existence, Cité de l'Espace totally renewed and revised its permanent exhibitions in terms of both content and presentation, with 2000m² dedicated to recounting Man’s adventure in the Stars.

This ambitious project was made possible thanks to the support of the City of Toulouse, Toulouse-Métropole, the Midi-Pyrénées Region and the European Union through the POCTEFA and FEDER programmes.

Explore Space and the Universe through a multitude of realistic original experiments adapted for everyone.
3.1 THE LAUNCH CENTRE

Discover how humans, rockets and satellites are sent out into Space today

5, 4, 3, 2, 1, 0, go!
The voyage begins on the side-lines of Space, as if visitors were entering a Launch Centre from which rockets are sent out. On this set, which is both entertaining and realistic, curiosity is stimulated on all sides by various experiments and situations which set the stage for discovery.

The way rockets work, their origins and assembly of the Ariane 5 launcher all over Europe are presented simply, thanks to various experiments. Visitors can watch rocket launches all over the world and take the place of Space engineers by accomplishing different missions. This itinerary can be followed at one’s own pace, naturally, by playing alone, with the family or friends.

Like a VIP with privileged access to a centre for building satellites and rockets, visitors discover how and with what precautions this equipment is prepared for launch.

Manned missions in Space are presented in particular with the genuine Russian Orlan cosmonaut spacesuit or the amazing reconstruction of a clean room, where satellites are assembled before their departure. Striking audiovisual Space archives and a gallery of portraits of the pioneers of the Space conquest complete the programme.

3.2. SPACESHIP EARTH

Discover the Earth from Space and test the use of satellites in many professions

The second stage in the itinerary presents the Earth as seen from Space. Visitors can realise that we earthlings are all astronauts... And we live on the Spaceship Earth!

We can understand that the atmosphere is our spacesuit and that, for the moment, we are in a beautiful, but very fragile spacecraft?

This awareness is largely enhanced by observation of our planet from Space: satellites offer us a vision of the Earth that enables us to understand our planet much better.

Moreover, activity in space provides new services for us every day: satellite applications. Fishermen, farmers, rescue workers, healthcare workers and many other professions make use of satellites on the job every day. Here, it is possible to test these services in very compelling sets. For the data they collect and the transmissions they relay, satellites assist in responsible management of our resources and “carry” education and expertise to isolated parts of the world. Examples are presented in the form of experiments and simulations: taking the helm of a fishing vessel, staying on course and preserving fishing reserves thanks to satellites. Tracking animals all over the globe and experimenting with the way certain farmers make use of Space today to achieve reasoned agriculture.
3.3. THE WEATHER STATION (PÔLE-MÉTÉO)

Discover today’s weather forecast and meet a weatherman

The Weather Station offers a change of set: among the services provided by satellites, weather forecasts are not the least important.

Thanks to the permanent presence of a meteorologist from Météo-France in this exhibition area, and satellite images available in real time, visitors can understand how weather forecast are prepared today.

Visitors to the Weather Station become weathermen for the TV Studio, where they can record their own weather report, then watch their performance on TV!

Board the atmospheric lift towards Space to explore the different levels in our atmosphere. You can also reproduce weather phenomena live in images: cyclones, storms, etc. and understand the reasons for their formation.

Photo: the TV Weather Studio

3.4 EMBARKING FOR THE SOLAR SYSTEM

Setting out for a rare exploration of the Solar System and beyond

Undertaking a fascinating journey to learn how recent discoveries have revolutionised our vision of the Solar System. Astronomy marches on and will keep on changing forever.

In this exhibition area, visitors make a first stop at an altitude of 400km at the ISS (International Space Station), where they can enter a full-size model of the ISS European Columbus module, a genuine laboratory and home in Space presently in orbit around the Earth.

Photo: the Columbus module on the International Space Station

Visitors can discover the daily lives of astronauts and even try to compose a well-balanced meal with the special foods served in Space.
The itinerary then continues towards the Moon, our natural satellite, with an authentic Moonrock brought back by Apollo 15 astronauts and entrusted to Cité de l’Espace by NASA.

The journey moves on to reveal the rest of the Solar System, rocky planets like Mars, asteroids and amazing objects like a small model of the Philae robot of the Rosetta mission on the Comet Chury.

Could there be life on the moons of giant gas planets? Visitors find out by breaking the European ice floe, one of Jupiter’s moon, or overflying Saturn’s moon Titan.

Next, they pursue further on in Space to identify exoplanets, worlds in orbit around suns other than ours to discover new solar systems and over 1,700 new planets.

3.5 AN OBSERVATORY OF THE UNIVERSE

Exploring ever farther to reach the deep Universe!

Distant nebulas where stars are born and galaxies harbour hundreds of billions of suns: the Universe is unveiled in a set reconstructing an astronomical observatory under the celestial vault. Thanks to interactive systems, like large touch tables, visitors can discover the Cosmos in a most original way. Astronomical observatories on Earth or telescopes launched into Space show us the Universe in wavelengths our eyes cannot see: X-rays, ultraviolet, infrared light, etc. And each of these “windows” teaches us more about everything around us, from the nearest stars to the Big Bang. There are comfortable seats to take a break and listen to stories and legends about stars. The sky is the stuff of dreams for humans. Imagination stimulates curiosity or helps us escape. This is why Cité de l’Espace has selected some astronomical tales and legends that inspired many peoples all over the world.

3.6 THE TRAINING HALL: SIMULATORS TO MAKE YOU FEEL AS IF YOUR WERE IN SPACE

Photo: Moon Runner, the moonwalking simulator

Experiencing Space with Moon Runner. Feeling unique thrills. Here, mediators greet visitors (weighing 15kg/33lb to 110kg/242lb) to test simulators that enable them to experience how it feels to be in Space, like professionals. With the Moon Runner simulator, visitors, young and old alike, can feel for themselves the lightness of walking on the Moon and moving like astronauts on the Moon, where they weigh 6 times less than on Earth and have to walk differently.
Discover your Sixth Sense with the rotating chair at Cité de l’Espace: to test our motion sensors like astronauts during training

With this rotating chair, visitors to Cité de l’Espace will discover something most people on Earth will never experience: the vestibular sense. This physical capacity is very important since the inner ear participates in our body’s balance. The rotating chair is customarily used to test astronauts for their level of resistance to disruption of this sense, especially when it conflicts with vision. Such contradictory information to the system of equilibrium causes “Space sickness” (nausea or motion sickness). This chair enables future astronauts to become accustomed to this disruption whose intensity may vary considerably between individuals and will be part of their lives in Space. At Cité de l’Espace, visitors have an opportunity to discover this sixth sense.

Experience included with the admission ticket.

This chair was designed by Sogeclair Aerospace and transmitted to Cité de l’Espace by the City of Toulouse.

3.7 A CLOSE LOOK AT GENUINE SPACE ROCKS

A piece of the Moon brought back by Apollo 15 astronauts: a Martian meteorite

Approaching the inaccessible, imagining the trajectory of these rocks and discovering their story. The Moon rock (photo) on display at Embarking for the Solar System is a basalt fragment weighing 163 grams, brought back from the Moon by the Apollo 15 astronauts. It is priceless for its rarity. Seeing it up close is the stuff of dreams...

As you go through the exhibition, you can discover meteorites of different origins, including a Martian meteorite found in the Sahara Desert, for another way of apprehending the reality of Space.

Photo: ESA astronaut Thomas Pesquet testing the Rotating Chair at Cité de l’Espace

Photo: Marian meteorite

The Caille meteorite (from the Museum of Natural History in Paris), the largest meteorite ever discovered in France, weighing 625kg, is on display in the permanent exhibition (photo)
3.8 AMAZING EXPERIMENTS!

“Space vacuum” mediation (photo)
In Space, there is no air, only vacuum! This mediation offers a chance to discover some of the consequences of this vacuum on specific physical phenomena. A balloon, water and even a cell phone are used to illustrate this in these amazing experiments performed by a scientific mediator, with help from the public.

Duration: 30 minutes
Organised on weekends, holidays and school holidays

Weather forecast
Meet a weatherman from Météo-France who can answer all visitors’ questions on forecasting, climate and weather all over the world

4. GARDENS WITH GENUINE SPACECRAFT

Discover all the dimensions of Space and the Universe
In the heart of a 2-hectare garden, visitors can discover Infinity Lane, Galaxy Maze, sundials and genuine spacecraft. They can even climb on board some of them!

4.1. SOYUZ

Sit down like a cosmonaut at the controls of this legendary vehicle, still used today. With Star City, near Moscow, where cosmonauts train, Cité de l’Espace is the only place in the world to offer its visitors a chance to climb into a Soyuz spacecraft, for an unforgettable experience in the confinement and cramped conditions of Space vessels.

The Soyuz capsule

Photo: Climbing on board Soyuz and apprehending how it feels to be in Space.
4.2 THE MIR SPACE STATION

Visit the Russian “Space dacha” to discover the daily lives of cosmonauts in Space. Entering this genuine test model, visitors can witness cosmonauts’ living and working conditions. A unique experience!

4.2 ARIANE 5 ROCKET

This full-size, 53-metre tall Ariane 5 rocket is positioned on its launch pad as in Kourou, French Guiana.

4.4 FULL-SIZE SATELLITES

Visitors can have a close look at these extraordinary objects, and discover the diversity and singularity of Space objects.

4.5 INFINITY LANE

A very simple experience awaits visitors along this Lane. Why?
Discover the Universe around us and get a feel for the true scale of Space and our place in the Universe in images and in 26 steps.
4.6 THE CHILDREN’S BASE, YOUNG ASTRONAUTS’ SQUARE, WATER ROCKET LAUNCH

Places and activities specially devised for children and their families

The Children’s Base: a world of discovery for children age 6 to 12

Space through the eyes of babes. The Children’s Base, nestled in the Ariane 5 rocket building, features an imaginary journey through three exhibition areas with very different environments. This imaginary voyage allows children to become, in turn young astronomers, engineers or astronauts.

The Children’s Base: three units for three different realms

The Young Astronomers’ unit is a “mysterious library” where children learn about celestial objects in the sky and their incidence on our lives on Earth through many experiments in the form of games. This is the place to play with the planets!

The Young Engineers’ unit plunges visitors into the atmosphere of a “secret laboratory.” Children are given the assignment of organising all launch phases for a rocket and discover the main mechanisms of construction and propulsion. To launch the rocket: 3, 2, 1, lift-off!

The Young Astronauts’ unit is dedicated to exploration: the atmosphere is cosmic in this spacecraft, where children can undertake research and exploration operations, take over the controls to choose a destination, slip into a spacesuit, sleep standing up, cycle upside-down, etc.

4.7 YOUNG ASTRONAUTS’ SQUARE

A playground for young adventurers, age 3 to 6

On this playground, young adventurers can climb into a rocket slide and sit at the controls, climb into the Space station and play at being a cosmonaut in Space or even drive a jeep on the Moon or climb into the galaxy!

Water rocket launch

Accompanied by a mediator, children launch a mini-rocket as if it were Ariane 5, at the foot of the full-size rocket!
4.8 THE TERR@DOME
An auditorium to discover extreme life forms on Earth (“extremophiles”): discovery in the form of a quiz, where participants compete in teams and progress from one discovery to the next.

4.9 THE ASTRONOMER’S DOME
Observation possible in the Astronomer’s Dome
Observation every day at Cité de l’Espace, weather permitting.

The Astronomer’s Dome: an observatory to discover the sky through a genuine telescope, like astronomers.

Thanks to this facility, everyone can discover the sky and its mysteries, or simply learn about astronomy, through a telescope lens. The Astronomer’s Dome is open during the day, every day. Thanks to a mediator, visitors can discover the bubbling activity of the Sun, the relief of the Moon with its craters and sometimes even planets, depending on the time of the year. The Astronomer’s Dome is also open at night in the evening or at night for special observation of the sky and for witnessing remarkable astronomical phenomena.

5. AUDIOVISUAL SHOWS TO EXPERIENCE THE ADVENTURE IN SPACE

5.1 THE PLANETARIUM: 3 SHOWS TO DISCOVER THE SKY AND THE LATEST SPACE NEWS

The Cité de l’Espace Planetarium has a giant dome (600m²) and calls on 3D simulation technologies (DIGISTAR 3).

The Planetarium features different programmes:
- From Earth to the Universe
- Destination: the Planets
- From Planets to Galaxies’

Planetarium session last 40 minutes including a film (30 minutes) and a live mediation (10 minutes) with images of the latest news from the sky and information on observation of the evening sky with the naked eye.

From Earth to the Universe
From Earth to the Universe lets us leave our home to take us out to the colourful birthplaces and burial grounds of stars and still further out, beyond the Milky Way to the immensity of myriad galaxies.
5.2. IMAX®

IMAX® JOURNEY TO SPACE

This film showcases projects that NASA and the Space community are preparing and the challenges they must meet in undertaking daunting missions like landing astronauts on Mars and capturing asteroids.

Thanks to a giant screen the height of a 6-storey building and a 3D projection system, visitors are plunged into images of Space for a spectacular, full-size immersion "as if they were there." The IMAX® theatre at Cité de l'Espace offers incomparable quality and stability for these exceptional images (3D images over the entire screen) on a 400m² screen, maximum power of colours and 12,000-watt Space sound. Here, the general public can share the reality of a perilous Space mission.

Screening every day at each IMAX® session, throughout 2016.

Photo: IMAX 3D theatre with giant screen as tall as a 6-storey building.

Destination: the Planets

A Planetarium show to discover the planets in our Solar System with an astronomical telescope, then NASA’s Hubble telescope and space probes visiting planets in situ. Stop on the Planet Mars, plunge into Saturn’s rings, amid the volcanoes on Io, one of Jupiter’s satellites... The interplanetary journey ends among the stars: a show devised by Cité de l’Espace for a complete exploration of our Solar System.

From Planets to Galaxies

Setting out to discover the planets in our Solar System, discover comets and their possible effects on our planet (shooting stars), etc. Witness the birth and death of stars, discover the future of our Solar System and thus of the Earth... This voyage in space and time takes visitors to another solar system and continues outside our galaxy, to end in the remotest depths of the known Universe (programmed twice a day during the school year only). This show is for children from age 14.
THE STELLARIUM
A planetarium for youngsters from age 4 and their families

At the Stellarium, in an auditorium equipped with a hemispheric screen and an astronomical simulator, children and their families can enjoy learning how to find their way thanks to the stars.

3 shows: The Hunter in the Sky (for children age 3 to 7) and Earth, Moon & Sun (general public)

The Hunter in the Sky (for little ones, from age 3) is a folktale Papounet tells his granddaughter Lea about the hunter Orion and his dog Sirius lost in an immense forest of stars...

Earth, Moon & Sun (for children from age 8): The coyote is clever, but is confused about what can be seen in the sky. Such is the starting point of this Planetarium film which describes the phases of the Moon, eclipses and other astronomical enigmas. Earth, Moon & Sun is also an immersive experience showing what humans can learn from Space exploration. (Duration: 26 minutes; produced by UNC Morehead Planetarium & Science Center)

Astronaut (for children, from age 7, and even adults) is screened every day: What constraints confront astronauts during Space missions? With this humorous innovative animated film screened on the Stellarium dome, the audience can share the many challenges facing Space explorers and the training required beforehand.
5. PARTNERS: A DEDICATED CREW

La Cité de l'espace a ouvert ses portes en 1997 à l'initiative de la Mairie de Toulouse avec le soutien de la Région Midi-Pyrénées, de nos cofondateurs et la participation de nos partenaires associés : Caisse d'épargne Midi-Pyrénées, Caisse des Dépôts et Consignations, ESA (Agence Spatiale Européenne), Canopée, Université Paul-Sabatier, CNRS, OMF, IRAP, SNECMA, ONERA, Thales Alenia Space.
Support from Cité de l’Espace exhibition by:

- MAIRIE DE Toulouse
- MONTROUGE
- UNION EUROPÉENNE
- UNION DE LA RÉGION MIDI-PYRÉNÉES
- PRÉFET DE LA RÉGION MIDI-PYRÉNÉES
- Région Midi-Pyrénées
- La Cité de l’espace est une étape de La Route des Origines

http://www.laroutedesorigines.fr
Cité de l’espacc organise original events and exhibitions to stimulate curiosity in all visitors around the subject of Space and share Space and astronomy news.
Cité de l’espacc and its scientific, educational, space and cultural partners strive to open these live events as widely as possible, with its team of mediators and experts and a complete programme of demonstrations and meetings.
Cité de l’espacc also offers special programmes for teachers, around experimentation, concrete creative scientific discovery.

More information at: www.cite-espace.com
or from f.seroussi@cite-espace.com

Wednesday 19 October
Tracking the arrival of the European EXOMARS probe (ESA) live
The public is invited for an update on this mission. Cité de l’Espace will actively track this mission to describe it to the audience.

20 October 2016 to the end of December 2018
ASTRONAUTS
Astronauts, the next major temporary exhibition created by Cité de l’Espace, will enable the general public to follow the extraordinary daily lives of astronauts on assignment in the ISS.

15 November 2016 (last news on http://thomaspesquet.esa.int/)
Departure for the ISS of the ESA astronaut Thomas Pesquet

For the general public
The French ESA (European Space Agency) astronaut, Thomas Pesquet, will set out for his first mission in Space: a unique opportunity to follow his 6-month stay in the ISS step by step.
More information at: www.cite-espace.com
PRACTICAL INFORMATION

Restaurants

Restaurant L’Astronaut, for groups and individual visitors, broad selection (panoramic view over the Park). Free access without admission ticket.
La Terrasse Guyanaise, open during school holidays (Zone A).
Le 149 Café, many formulas: traditional restaurant for groups open year round (reservation required) and fast-food service for the general public during school holidays (Zone A).
3 picnic rooms, with free access for school groups (reservation required) and for the general public as long as room is available.

Services

Bookshop: to discover an innovative range of gifts and souvenirs: books, CD-ROM, models... Free access without admission ticket.

Comfort and accessibility:

Free parking. Cité de l’Espace has the “Tourism & Handicap” label (4 disabilities: motor, auditory, visual and mental). Special access for persons with reduced mobility (PRM). Specific guide map for PRM and prams and pushchairs. Loan of wheelchairs and folding chairs. Information provided in braille and large letters (Reception, restaurants). Hearing loops (for the hearing impaired) in auditoriums, conference rooms and for guided tour. Films available in French Sign Language (LSF) and audio-description (for the visually impaired).

Tariffs for disabled persons: discount rate for disabled persons and free admission for the person accompanying them when needed. Specific tours are organized regularly in LSF and for visually impaired or blind persons (cf. www.cite-espace.com)

Contact for personalized handling of groups and individuals: c.leloup@cite-espace.com

Groups (min: 20 participants): for school and tourist groups, consult the Booking Department (Tel: +33 (0)5 62 71 56 00).
For Business Tourism, please consult the Business Department (Service Affaires - Tel: +33 (0)5 62 71 61 99).
To discover our offers, see next page or go to www.cite-espace.com

Access

By car: Périphérique de Toulouse (ring road), exit 17 (Direction: Autoroute de Montpellier) or exit 18 (Direction: Bordeaux).
From the city centre of Toulouse: Direction: Castres.
By bus: line 37, Cité de l’Espace stop (line 37 is accessible from the Jolimont metro station). Line 16 also goes to Cité de l’Espace

More at: Tel: +33 (0)5 67 22 23 24 or www.cite-espace.com

GPS coordinates: 43°35’12” Latitude North - 1°29’38” Longitude East
TARIFFS for 2016

For more information on tariffs: www.cite-espace.com

or Tel.: +33 (0)5 67 22 23 24
CITÉ DE L’ESPACE: KEY DATES

27 June 1997
Inauguration of Cité de l’Espace by Dominique Baudis, Mayor of Toulouse and French Deputy, and Claudie Haigneré (astronaut and celebrity sponsor)

10 July 1998
Inauguration at Cité de l’Espace of the full-size model of the MIR station in the presence of many of the crews having stayed in the Space dacha

30 October 2000 Inauguration of an innovative extension, the Terr@dome, with its Earth, living planet show. Visitors entering the giant sphere set out to discover the Earth, in a journey covering over 4.5 billion years to get a better grasp of our main heritage for the future: the Earth

25 October 2002
Inauguration of a new permanent exhibition hall, Destination Mars, to discover all facets of the Red Planet and missions to Mars, past and future

2 June 2003
Live broadcast of the launch of the European Mars Express probe (EADS Astrium-ESA)

31 October 2003 Visit by Léon Bertrand, Secretary of State for Tourism; Cité de l’Espace officially granted the “Tourism & Handicap” label for all four types of disability (visual, auditory, motor, mental)

4 January 2004
Live broadcast at Cité de l’Espace of the first images of Mars taken by the Spirit robot (NASA)

24 March 2004
Live broadcast at Cité de l’Espace of the launch of the ROSETTA probe

10 May 2005
Inauguration of Astraïa, the 6th continent, an IMAX auditorium with giant screen and a new-generation Planetarium

4 July 2005
Live broadcast at Cité de l’Espace of Deep Impact, the meeting of a NASA probe and a comet

25 October 2005
Inauguration of the Young Astronauts’ Square

6 April 2006 Inauguration of the Children’s Base: a new facility entirely dedicated to youngsters, age 6 to 12

7-8 July 2007
10th anniversary of Cité de l’Espace: two Open Days with activities for over 22,000 visitors

4 October 2007
Inauguration of the Cosmomania, the unbelievable story of Space exhibition on the 50th anniversary of the Space conquest in the presence of many astronauts (European, American, Russian) and major Space institutions

20 July 2009
Celebration at Cité de l’Espace of the 40th anniversary of Man’s first steps on the Moon in the presence of many astronauts: Jean-Loup Chrétien, Thomas Pesquet, Philippe Perrin

12 April 2011
Celebration at Cité de l’Espace of the 50th anniversary of Man in Space in the presence of two young astronauts: Thomas Pesquet (ESA) and Maxim Suraev (ROSCOSMOS)

5 October 2011
4 millionth visitor to Cité de l’Espace

29 May to 2 June 2012
Organisation of ECSITE 2012 (European Network of Science Centres & Museums at Cité de l’Espace with the participation of 1,000 Science professionals from 40 countries

6 August 2012
Live broadcast of the Curiosity rover landing on Mars in the context of the Explore Mars temporary exhibition

14 September 2012
Official inauguration of the new permanent exhibitions at Cité de l’Espace

12 May 2014
Inauguration of the Astronomer’s Dome

5 November 2014
Inauguration of the new educational laboratories

12 November 2014
Live broadcast of the Philae robot landing on a comet, a world premiere followed by 6,000 visitors at Cité de l’Espace

21 December 2014
5 millionth visitor to Cité de l’Espace

13-16 July 2015:
Four days dedicated to the overflight of Pluto by the New Horizons probe: live videos, explanations by experts, Plutonian and sensory activities

www.cite-espace.com
Categories of visitors: school groups - B2B - Individuals
Geographic origin of individual visitors

In 2015 Cité de l’Espace had 298,898 visitors. From its opening to the end of 2015, Cité de l’Espace has had 5,322,831 visitors.
INVESTMENTS SINCE Cité de L'ESPACE OPENED (figures for 2007)

The initial investment was 23 million euros, 60% from the City of Toulouse and 40% from other, public and private partners. Successive reinvestments amount to 48.7 million euros (excluding VAT) today.

DISTRIBUTION OF CAPITAL

Capital amounts to €2,766,400, with the City of Toulouse as majority shareholder (56% of capital). The remainder of the capital is split between the other shareholders: Astrium SAS, Conseil Régional Midi-Pyrénées, Centre National d'Études Spatiales (CNES), Caisse d'Épargne de Midi-Pyrénées, Météo-France, Caisse des Dépôts & Consignations, Dexia-Crédit Local de France.

STAFF

110 employees (full-time equivalent) work at Cité de l'Espace with perfect parity: 50% women and 50% men
CITÉ DE L’ESPACE PRESS CONTACT

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PRESS AREA
Contact, Agenda, Dossier & Press Releases
http://www.cite-espace.com/relations-presse-et-publiques/

PHOTO LIBRARY
Royalty-free photos for the press on condition of mentioning Cité de l’Espace
http://www.presse.media.cite-espace.com/

NEWS FROM SPACE:
http://www.cite-espace.com/actu-spatiale/
the site with Cité de l’Espace news
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