

TOURING EXHIBITION

## ité de l'espace

PRODUCED BY

# COMETS!

Comets are the oldest and least-known celestial bodies in our solar system and vestiges of its birth 4.6 billion years ago! Precious traces of our origins are frozen in time inside their nuclei.

#### TAKE PART IN AN ARCHAEOLOGICAL Space Mission!

Featuring experiments, unprecedented demonstrations, a life-size lander and astronomical discoveries, "Comets" whisks visitors away on a fun and educational exploration and adventure that will satisfy all curious minds, from enthusiasts and explorers to dreamers, young and old alike.

#### A trail based on 2 themed areas...

- What are comets? Where do they come from? Don't confuse them with other small celestial bodies!
- Spotlight on the Rosetta/Philae mission, a first in the history of humanity.

## ...and a 'live show' space dedicated to experiments and demonstrations:

The Comet Lab

"Comets" offers museums and other exhibition venues the opportunity to tackle an original, temporary concept with a direct, topical theme. An opportunity for visitors to enjoy an unprecedented experience that cleverly combines museography with hands-on activities.

## WHAT ARE COMETS?

## WHERE DO THEY COME FROM?







The density of a comet Guess the weight of a comet and discover how surprisingly

dense it is.

Confusion ahead!

difference between small celestial bodies?

Asteroids, meteorites, shooting stars discover what makes

them all unique and

special!

Can you tell the



#### A comet is...

What are comets made of? How are they formed? Where do they come from? Decoding these intriguing dirty snowballs!



#### or heaven-sent? From Deep Impact to Armageddon, ancient visceral fears related to comets still persist today in our modern societies.

**Comets - dangerous** 

### INTERACTIVE FEATURE Rosetta's journey

A collection of interactive games for kids to learn about comets and the Rosetta mission.



The temperature of a comet Feel the temperature of a comet.

SENSORY EXPERIMENT



**INTERACTIVE FEATURE** 

A comet's path and orbit.

Lone traveller

AUDIOVISUAL FEATURE

Farewell to comets Discover the end of a comet's lifespan!

## SPOTLIGHT ON THE ROSETTA/PHILAE MISSION

#### A FIRST IN THE HISTORY OF HUMANITY!

LIFE-SIZE PHILAE MODEL ON RECONSTRUCTED GROUND

> A trail dotted with pitfalls for a once-in-a-lifetime experience. The high-risk challenge of landing the Rosetta probe on a comet 800 million kilometres away from Earth was taken on 10 years ago!

> Undercover on the Rosetta/Philae mission: key facts and data to understand the extraordinary scientific challenges of this historic mission.



FOR 3-6 YEAR-OLDS A SPACE SPECIALLY DEDICATED TO LITTLE ONES



TO LEARN, THANKS TO A FUN CARTOON, WHAT PHILAE AND ROSETTA ARE.

AUDIOVISUAL FEATURE



## THE COMET LAB

## Demonstration & experiment space open to all

The "Comet Lab" offers original and astonishing experiments that help visitors have fun while they discover the world of comets and small celestial bodies.





## RENTAL CONDITIONS

#### LOCATION

Contact us. Reduced rates from 6 months of rental.

## TECHNIQUE

- Required surface area: 200 m² (depending on space layout).
- Power supply 230V.
- Layout: 2 modular zones, one Lab space and one space specially dedicated for 3-6 years-olds.
- Set-up and disassembly: I day of set-up and I.5 days of disassembly. These times may vary depending on the space's architectural constraints.
- Staff provided by the venue: 2 multi-skilled individuals for the set-up and disassembly stages.
- Technical materials: to be determined depending on the space's technical and architectural constraints.
- Storage: plan for a secure covered location with a surface area of 65 m<sup>2</sup>.
- Training for host locations' facilitators: 2 days (Comet Lab and Philae animation).

Events and activities offered in the Comet Lab: some experiments are subject to the use of specific products and require particular logistical components to be put in place. (Please contact us). The venue is responsible for consumables.

## PUBLICS

### Open to all.

The exhibition is provided with an educational kit and resources kit as well as a communications kit. The Cité de l'espace is responsible for training the venue's public liaison teams.

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