



Planetarium
Stuttgart



All shows available in english

Get your free Audioguide at ticket counter



STUTTGART



www.planetarium-stuttgart.de

Planetarium Stuttgart
January - March 2023

23rd Jan - 24th March



closed for technical updates

Planetarium Stuttgart



Willy-Brandt-Straße 25
70173 Stuttgart
Phone: 0711 21689015 (Mo-Fr 8:00 - 12:00 + 14:00 - 16:00)

info@planetarium-stuttgart.de
www.planetarium-stuttgart.de

Director: Dr. Uwe Lemmer

Entrance fees

Adults

morning	10:00 - 12:00	5 EUR
afternoon + evening	12:00 - 21:00	8 EUR

(School)Kids, Students, Handicapped people 5 EUR

Accompanying persons of
people from 80% handicap free

Tuesday 5 EUR

Music- and Lasershows (no discounts) 8 EUR

- You can pay with „Family Card /Familienkarte“
- The whole building is barrier-free, no steps or ramps
- There are wheelchair places available in the stardome
- We support induction-based hearing aids, ask at counter

Opening hours

Ticket counter opens 1 hour before Showstart.

Imprint: Landeshauptstadt Stuttgart, 70161 Stuttgart

Editing: Carl-Zeiss-Planetarium Stuttgart, in cooperation with the
communication division of the state capital Stuttgart.
The Carl-Zeiss-Planetarium Stuttgart is a division of the
cultural office of the state capital Stuttgart.

Photos: AMNH Hayden Planetarium, arge Lola, Clark Planetarium, ESA, Freundeskreis
Planetarium Bochum e. V., LWL- Planetarium
Münster, Planetarium Luzern, Mirage 3D, NASA, Planetarium Jena,
Martin Sigmund, Planetarium Stuttgart, Sternwarte Stuttgart,
Sternwarte Welzheim, Planetarium Laupheim, STScI,
Sudekum Planetarium

Subject to change.

Contents

Presentations & Events

● Astronomy	2
● Family / Kids	9
● Music	13
● Events	16
Calender	18

All of our shows in the stardome are simulcast in English.

In order to enjoy the English version you need to pick up



Our Audioguide System:

At our ticket counter we will provide you with a ready-to-go system consisting of a receiver-box and premium Sennheiser headphones. All we ask for is a deposit of 20 EUR, which will be refunded once the devices are returned to the operator in the dome.



Astronomy

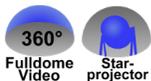
ASTRONOMY FOR EVERYONE

WINTER STARS ABOVE STUTTGART (*WINTERSTERNE ÜBER STUTTGART*)

SUITABLE FOR AGES 8 AND UP

The early sunset combined with clear views tempts a lot of people to look upon the starry winter sky. Especially in the cold season there are numerous spectacular constellations easily recognizable. And these constellations form the focus of this presentation. You will get an overview of the most important constellations and we will point out other special objects deserving a closer look.

We will show you how to find your way once your smartphone battery is empty, using just the help of the sky: Not only in Stuttgart - also in the far south of the world. As is well known, the inhabitants of the southern hemisphere experience opposite seasons. Does that also apply to the Starry sky? To answer this question, we will take a virtual trip to Australia using planetarium magic and take a look at the glorious southern sky.



Duration: about 1 hour

Please find the showtimes in the calendar starting on page 18.



Astronomy

ASTRONOMY FOR EVERYONE

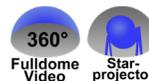
SPRING STARS ABOVE STUTTGART (*FRÜHLINGSSTERNE ÜBER STUTTGART*)

SUITABLE FOR AGES 8 AND UP

In Spring the nights grow shorter, but the mild climate invites us to peak upwards to the stars. Experience what can be seen in the spring above Stuttgart and how to orient yourself in the tangles of the night sky.

The most important constellations and celestial objects are explained. This presentation is an ideal companion to a visit to an observatory.

Our analog starprojector gets a real workout showing stars and planets. We also travel to shores far away and visit the southern hemisphere to take a look at the sky there.



Duration: about 1 hour

Please find the showtimes in the calendar starting on page 18.





Astronomy

ASTRONOMY FOR EVERYONE

EXPLORE! INTO SPACE WITH KEPLER (EXPLORE! MIT KEPLER INS ALL)

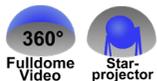
SUITABLE FOR AGES 10 AND UP

Looking at the history of astronomy from the beginnings in ancient Babylon to the current space age, a few people stand out in particular. One of these great minds was Johannes Kepler, who was born near Stuttgart.

This planetarium presentation shows in a visually stunning and impressive way how Kepler's findings are used in modern space flight for the flight through the solar system.

To achieve this, we will climb aboard a virtual spaceship that takes us to a planet whose orbit was of special research interest to Kepler.

In this version (extended by the planetarium Stuttgart) of the internationally acclaimed and award-winning fulldome presentation "Explore!", you will also experience a realistic starry sky and learn a lot about the universal genius from Weil der Stadt.



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.



Astronomy

THE ADVENTURE OF HUMAN SPACEFLIGHT

DESTINATION MARS (AUFBRUCH ZUM MARS)

SUITABLE FOR AGES 8 AND UP

For the longest time, humans setting foot on Mars was considered fiction, nowadays the realization that dream shifts ever closer to reality.

Space engineering and development has sped up significantly and the flight of an astronaut crew to the red planet is getting closer and closer.

Both NASA and the private company SpaceX are developing their own rockets that will transport people and material to Mars in the foreseeable future.

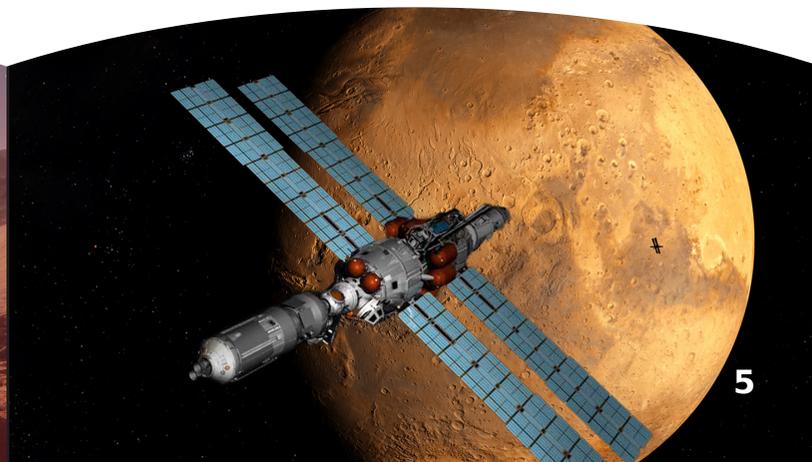
Not all problems are solved. But half a century after the moon landings we have developed skills, knowledge and the essential technologies to prepare astronauts for the next step into space.

In this presentation, we will get to know the near-Earth desert planet and skip forward about 15 years into the future to take part in a landing on Mars.



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.





Astronomy

WITHOUT BEING COLD IN THE SNOW

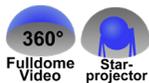
AURORA - LIGHTS OF WONDER (AURORAS - LICHTER DES NORDENS)

SUITABLE FOR AGES 8 AND UP

Our journey into the world of the Northern Lights begins in Stuttgart. We get to know the stars and constellations of a winter evening sky and afterward we will fly to the North Pole and experience the differences between the two vistas.

A trip to the International Space Station shows us how astronauts are viewing auroras from above on the night side of our Earth. The interplay between solar wind, earth's magnetic field and atmosphere is explained.

Finally we reach northern Canada, where the Korean photographer O Chul Kwon with his cutting edge video technology recorded the magical phenomenon of the northern lights (Aurora borealis). A grandiose dance of shapes and colors awaits us in the sky.



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.



Astronomy

MYSTERIOUS PAST

THE STAR OF CHRISTMAS (DER WEIHNACHTSSTERN - EIN HIMMLISCHES ZEICHEN?)

SUITABLE FOR AGES 12 AND UP

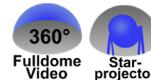
Each year around christmas time we ask ourselves if there is a scientific explanation for the account of the famous Star of Bethlehem.

For centuries, scholars have puzzled whether it was a real phenomenon visible in the sky or if it was just an imaginative embellishment of the Christmas story.

We will use our planetarium to take a closer look at the biblical story in the Gospel of Matthew.

We present a production made in the planetarium of Laupheim, and within it a journey into the time of Christ's birth when celestial research and astronomy were still closely connected.

Do the scientists have a plausible explanation for what is found in the ancient legends?



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.





Astronomy

OUR STARRY FUSION REACTOR SOLAR SUPERSTORMS - EARTH IN DANGER? (SONNENSTÜRME)

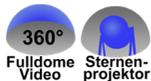
SUITABLE FOR AGES 10 AND UP

The Sun is the star of our lives.
Without it there would be no life on Earth.
But our tireless source of energy is not without danger -
it has a real temper!

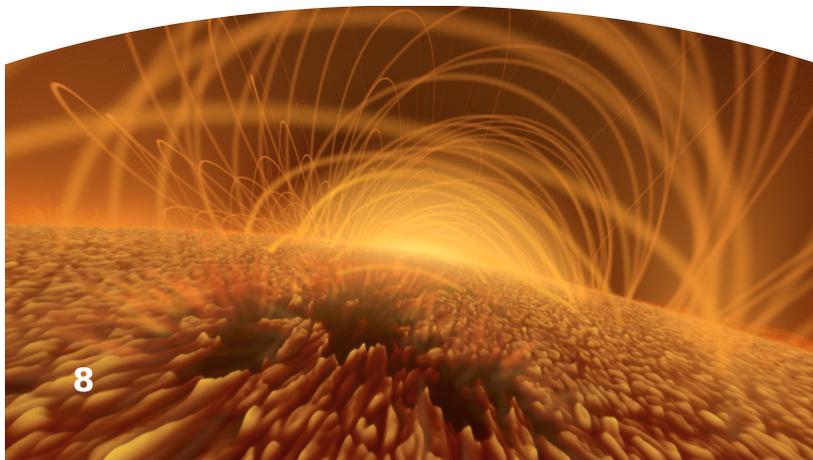
Enormous forces are at work on the solar surface:
We can see eruptions of immense intensity, giant arches of super-
heated gas and fiery waves which crash and collide high above
the churning surface.

Earth is frequently hit by the might of solar storms.
This has consequences ranging from beautiful lightshows like the
polar lights to the collapse of powergrids.

This presentation shows the current state of solar science and the
interactions between Sun and Earth.



Duration: about 50 minutes
Please find the showtimes in the calendar starting on page 18.



Family / Kids

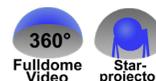
FOR KIDS POLARIS AND THE SECRET OF THE NIGHT (POLARIS UND DAS GEHEIMNIS DER NACHT)

SUITABLE FOR AGES 5 AND UP

James is an inquisitive penguin from the South Pole, who travels
the earth and meets polar bear Vladimir close to the icy North
Pole. Together they look at the stars and wonder about the diffe-
rent polar nights at the South Pole and North Pole.

To solve this mystery, they hijack an abandoned submarine and
turn it into a spaceship. Upon exploring Mars and Saturn they
realize that other planets also have days, nights and seasons.
When they return to earth, they finally find the answer as to
why the nights are sometimes long and then so short again.

A loving and entertaining journey of discovery for young and old
incorporating our optomechanical star projector!



Duration: about 45 minutes
Please find the showtimes in the calendar starting on page 18.





Family / Kids

FOR KIDS

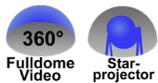
ACCIDENTAL ASTRONAUTS (PLÖTZLICH ASTRONAUT)

SUITABLE FOR AGES 5 AND UP

Welcome to the land of the robots!
The clever robot children Annie and Cy visit a science centre including a space museum with their school. But some things don't go as planned.

Together with their dog Armstrong they inadvertently hijack a spaceship, fly to the moon and learn a lot about the solar system and the constellations along the way.

See the extended version of the Stuttgart Planetarium, in which the star projector is also used.



Duration: about 50 minutes
Please find the showtimes in the calendar starting on page 18.



Family / Kids

CHRISTMAS FOR THE WHOLE FAMILY

BETHLEHEM'S STAR (DER STERN VON BETHLEHEM)

SUITABLE FOR AGES 4 AND UP

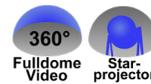
Our children's presentation for Christmas retells the story from the Gospel of Matthew. We will witness the events related to the birth of Jesus Christ on the dome of the planetarium.

Be surrounded by a 360-degree projection of an animated picture book.

We will accompany Maria and Joseph from the Annunciation of the angel in Nazareth to the search for a room in crowded Bethlehem. We will encounter the shepherds in the fields and together find the baby in the crib.

The star-studded sky of more than 2000 years ago forms the heavenly backdrop without any complicated celestial explanations disturbing the atmospheric presentation.

An event in cooperation with the planetariums in Freiburg and Lucerne.



Duration: about 50 minutes
Please find the showtimes in the calendar starting on page 18.





Family / Kids

FOR KIDS

THE BASICS OF OUR STARS AND PLANETS (DAS KLEINE 1X1 DER STERNE UND PLANETEN)

SUITABLE FOR AGES 4 AND UP

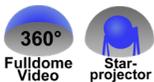
Upon wishing on a shooting star, three children board the Space station OBSERVER and travel through space.

We will encounter a number of planets and get beamed down to the surfaces of Venus and Mars.

Saturn, with its rings of ice and rock, is also on the flight plan.

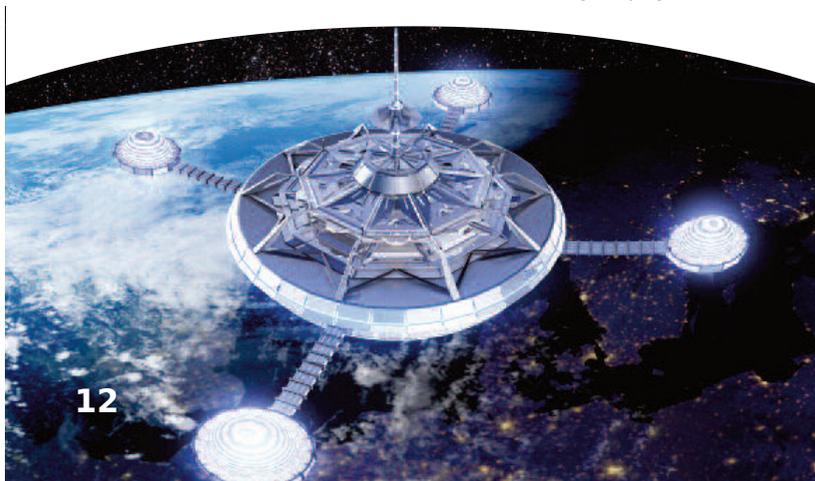
Afterward, like Icarus, they fly too close to the sun and are nearly devoured by hot tongues of flame.

After returning to earth, you can take a relaxed look at the magnificent night sky with the help of our star projector. Important stars and known constellations from all Seasons are presented and explained.



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.



Music

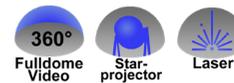
MUSIC SHOW

QUEEN HEAVEN - THE ORIGINAL

The inimitable aura of the band, the creativity of their lyrics, the unique voice of Freddie Mercury and the tremendous power of their concerts - all this is reflected in this furious music show under the planetarium dome.

This is a tribute to the legendary rock band with a plethora of original music, photos and videos. Among the offerings are the greatest anthems in the band's history, such as „Bohemian Rhapsody“, „We Will Rock You“ and „Radio Gaga“.

Experience Queen with our powerful sound system in combination with 360° dome projection, our star projector and laser show.



Duration: about 50 minutes

Please find the showtimes in the calendar starting on page 18.

NOTICE

We utilize artificial fog and flashing lights in this show, not suitable for people with sensitivities to such effects.

LANGUAGE INFORMATION

This is a music presentation without spoken content. No translation via audioguide necessary.





Music

ELEKTRONIC MUSIC WITH LIVE VISUALS: HEAVENLY

TUNESDAY

Infos: www.pla-stu.de/tuesday

LINEUP

TUESDAY, 3.1. (TUNESDAY #69): SCHRAMM

TUESDAY, 4.4. (TUNESDAY #67): BAJAN K

TUESDAY, 18.4. (TUNESDAY #68): FEMCAT

Electronic musicians from Stuttgart and elsewhere on the planet play their music in a live event at 8 p.m. each month among our stars. Become entranced by their unique creations while live visuals, laser, 360° fulldome video, stars from the Star projector and impressive light effects are surrounding you. Sit back and enjoy a unique, imaginative journey into the cosmos around us as well as within us - perfectly accompanied by live electronic music.

Tickets are available from us on site, by phone (0711) 216-89015 or on our website.



Duration: 60-90 minutes (it's live...)

NOTICE

We utilize artificial fog and flashing lights in this show, not suitable for people with sensitivities to such effects.

LANGUAGE INFORMATION

This is a music presentation without spoken content. No translation via audioguide necessary.



Music

MUSIC SHOW

PINK FLOYD - DARK SIDE OF THE MOON

„Dark Side of the Moon“ is the most successful album by the British rock band Pink Floyd and a legendary milestone of the „Psychedelic and Space Rock“ of the 1970s.

Without it being the intention of bandleader Roger Waters, a number of tracks on the album seem downright made to be shown with our dome projection in the planetarium.

Immerse yourself in audiovisual spaces with the incomparable compositions of Pink Floyd and succumb to the pull into the depths of the cosmos and into the abyss of the human soul. Experience this intense musical journey of „Dark Side of the Moon“ with our powerful sound system in combination with 360° projection, star projector and laser show.



Duration: about 60 minutes

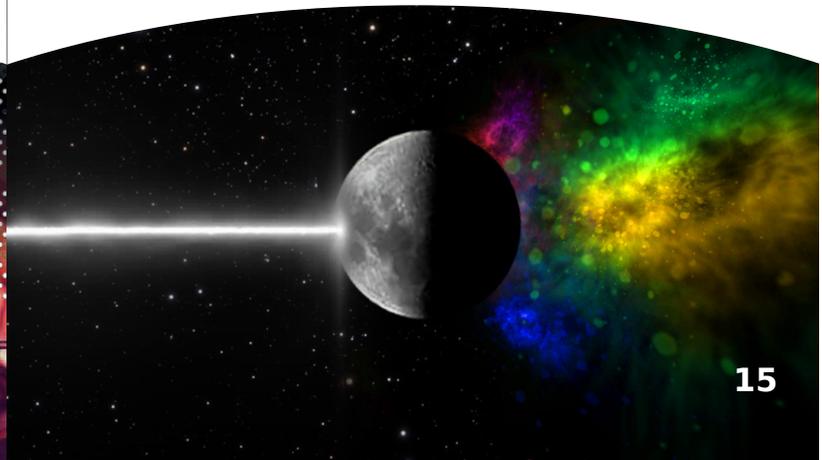
Please find the showtimes in the calendar starting on page 18.

NOTICE

We utilize artificial fog and flashing lights in this show, not suitable for people with sensitivities to such effects.

LANGUAGE INFORMATION

This is a music presentation without spoken content. No translation via audioguide necessary.





Events

TAKE A PEAK

BEHIND THE SCENES (HINTER DEN KULISSEN)

TUESDAY, 28.03.2023, 19:00

Available only in german language.

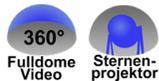
How does the Planetarium Stuttgart work?
In this live presentation we provide a look behind the scenes of the modern technology needed to run a planetarium.

How does the digital fulldome 360° projection work?
The synchronisation and harmony between all the different systems including our trusty analog star projector is explained.

What are the capabilities of the complex light- sound and Lasersystems?

You will also gain some insight into the network and computerised control of the cluster consisting of 36 computers in a pre-programmed as well as in a live-presentaion setting.

What steps are necessary to premiere a new presentation?
A look at the history and future of planetaria completes this show.



Duration: approx. 1 hour

Tickets: 8,00 € (reduced price 5,00 €)



Events

NEW INTERACTIVE GAMING IN THE DOME

KINETARIUM: GAME ON

TUESDAY, 17.01.2023, 18:00

Time for some multiplayer games:

Enter the arena underneath the dome. Bring along some friends and meet other players. Together we will create wind, avoid a shark as a swarm of fish, become a team in a soccer match, defend the earth from invading aliens and much more.

Bring your (charged) iOS or Android smartphone along to use as your personal controller.

This presentation is developed in cooperation with halbautomaten Kommunikationsdesign

More info: www.kinetarium.com



halbautomaten

Duration: about 50 minutes

Tickets: 5 € (no further reduction possible)





Kalender

● Astronomie ● Familie / Kinder ● Musik ● Event / Vortrag

Sunday, 01.01.2023 [New Year]

No public shows

Tuesday, 03.01.2023

10:00 The basics of our stars and planets
11:30 Explore! Into space with Kepler
15:00 The star of Bethlehem
20:00 Tunesday #69: Schramm

Wednesday, 04.01.2023

10:00 Accidental Astronauts
11:30 Polaris and the secret of the night
15:00 The star of Christmas
17:00 Destination Mars
19:00 Aurora - Lights of Wonder

Thursday, 05.01.2023

10:00 The basics of our stars and planets
11:30 The star of Christmas
15:00 Polaris and the secret of the night

Friday, 06.01.2023

[Hlg. drei Könige / Ende Weihnachtsferien]

13:30 Polaris and the secret of the night
15:00 The star of Bethlehem
16:30 The star of Christmas
18:00 Queen - Heaven

Saturday, 07.01.2023

13:30 The basics of our stars and planets
15:00 Polaris and the secret of the night
16:30 Explore! Into space with Kepler
18:00 Pink Floyd - Dark Side of the Moon

Sunday, 08.01.2023

13:30 Polaris and the secret of the night
15:00 Accidental Astronauts
16:30 Winter stars above Stuttgart
18:00 Queen - Heaven

Tuesday, 10.01.2023

10:00 School show upon request
11:30 Explore! Into space with Kepler
15:00 Aurora - Lights of Wonder



Kalender

● Astronomie ● Familie / Kinder ● Musik ● Event / Vortrag

Wednesday, 11.01.2023

10:00 School show upon request
11:30 Polaris and the secret of the night
15:00 Explore! Into space with Kepler
17:00 Destination Mars
19:00 Aurora - Lights of Wonder

Thursday, 12.01.2023

10:00 School show upon request
11:30 Aurora - Lights of Wonder
15:00 Polaris and the secret of the night

Friday, 13.01.2023

10:00 School show upon request
11:30 Accidental Astronauts
15:00 Planets - Journey into the solarsystem
17:00 Winter stars above Stuttgart
20:00 Queen - Heaven

Saturday, 14.01.2023

13:30 The basics of our stars and planets
15:00 Polaris and the secret of the night
16:30 Explore! Into space with Kepler
18:00 Pink Floyd - Dark Side of the Moon

Sunday, 15.01.2023

13:30 Polaris and the secret of the night
15:00 Accidental Astronauts
16:30 Winter stars above Stuttgart
18:00 Queen - Heaven

Tuesday, 17.01.2023

10:00 School show upon request
11:30 Explore! Into space with Kepler
15:00 Aurora - Lights of Wonder
18:00 Kinetarium: Game On!

Wednesday, 18.01.2023

10:00 School show upon request
11:30 Polaris and the secret of the night
15:00 Explore! Into space with Kepler
17:00 Destination Mars
19:00 Aurora - Lights of Wonder

Thursday, 19.01.2023

10:00 School show upon request
11:30 Aurora - Lights of Wonder
15:00 Polaris and the secret of the night



Kalender

● Astronomie ● Familie / Kinder ● Musik ● Event / Vortrag

Friday, 20.01.2023

- 10:00 School show upon request
- 11:30 Accidental Astronauts
- 15:00 Planets - Journey into the solarsystem
- 17:00 Winter stars above Stuttgart
- 20:00 Queen - Heaven

Saturday, 21.01.2023

- 13:30 The basics of our stars and planets
- 15:00 Polaris and the secret of the night
- 16:30 Explore! Into space with Kepler
- 18:00 Pink Floyd - Dark Side of the Moon

Sunday, 22.01.2023

- 13:30 Polaris and the secret of the night
- 15:00 Accidental Astronauts
- 16:30 Winter stars above Stuttgart
- 18:00 Queen - Heaven

Monday, 23.01.2023 - Friday, 24.03.2023

[no public shows]

Maybe we will reopen sooner

There will be other presentations / activities during this time, please check

www.pla-stu.de/neues-licht

23.1. - 24.03. Closed



because of ongoing construction

Sunday, 26.03.2023

- 13:30 Polaris and the secret of the night
- 15:00 Accidental Astronauts
- 16:30 Spring stars above Stuttgart
- 18:00 Queen - Heaven

Tuesday, 28.03.2023

- 10:00 School show upon request
- 11:30 Explore! Into space with Kepler
- 15:00 Solar Superstorms
- 19:00 Behind the scenes (only in german)



Kalender

● Astronomie ● Familie / Kinder ● Musik ● Event / Vortrag

Wednesday, 29.03.2023

- 10:00 School show upon request
- 11:30 Polaris and the secret of the night
- 15:00 Solar Superstorms
- 17:00 Destination Mars
- 19:00 Aurora - Lights of Wonder

Thursday, 30.03.2023

- 10:00 School show upon request
- 11:30 Aurora - Lights of Wonder
- 15:00 Polaris and the secret of the night

Friday, 31.03.2023

- 10:00 School show upon request
- 11:30 Accidental Astronauts
- 15:00 Solar Superstorms
- 17:00 Spring stars above Stuttgart
- 20:00 Queen - Heaven

Saturday, 01.04.2023

- 13:30 The basics of our stars and planets
- 15:00 Polaris and the secret of the night
- 16:30 Solar Superstorms
- 18:00 Pink Floyd - Dark Side of the Moon

Sunday, 02.04.2023

- 13:30 Polaris and the secret of the night
- 15:00 Accidental Astronauts
- 16:30 Spring stars above Stuttgart
- 18:00 Queen - Heaven