

# Themes of the Planetarium 2018.Apr-August

## ★General Program

From how to search for stars in the night sky to popular astronomical phenomena, we will cover a variety of topics surrounding astronomy and space each month. The Curator will give a live explanation during the programs, which will be aimed at a general audience.

### **April: “The starry sky of the southern hemisphere”**

There are many stars to watch in the southern hemisphere like the southern cross and  $\alpha$ -Centauri, the nearest star to the Sun.

Some of them can not be seen from where we are, Nagoya, because of the latitude.

Let's visit the southern hemisphere.

### **May: “Planets go around the sun”**

Planets are going around the sun in their own orbits and periods.

Therefore, the time we can see them is different every year.

In this year, around spring through fall, Venus, Jupiter, Saturn and Mars will be appearing one after another at their best.

### **June: “Star Festival "Tanabata" story”**

Tanabata originated from a Chinese legend and was brought to Japan in the 8th century.

Let's enjoy this "Tanabata" story while looking up "Orihimeboshi (Vega)" and "Hikoboshi (Altair)" in our planetarium dome.

### **July/August: “Mars closest approach”**

Mars makes its closest approach to Earth for the first time in 15 years on July 31, 2018.

We simulate the Martian movement on the celestial sphere and a change of its brightness until the autumn.

### **September: “Moon on the fifteenth night of the lunar calendar”**

### **October: “Spiral structure of galaxies”**

### **November: “Sound of the cosmos, sound of stars”**

### **December: “Where does morning come from? ”**

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**January: “High-energy astronomy”**

**February: “What color are stars? ”**

**March: “Small solar system bodies”**

## ★Family Hour show

These are programs for families with children and those who are seeing the Planetarium for the first time. It is fun programs featuring tonight's starry sky and space travel or fantasy of the constellation.

March 17th-:“**Tour of the Solar System**”

July 21th- :“**Journey to the Mars**”

November 23th-:“**Tales of Twin Stars**”

March 16th-:“**Tour of the Solar System**”



## Planetarium Information

- ★All shows are presented by a live in Japanese language only.
- ★Your seats are assigned automatically. You need not make a line for a seat. Enjoy and explore the exhibitions until you hear a building announcement as a reminder to enter the Dome. But you are responsible for being on time.
- ★The entrance doors will open soon after the preparation of the Dome is finished. Please wait until the staff lead you in. Once a show is underway, you must not enter the Dome. There will be absolutely no late admission to the Dome.
- ★There is no restroom inside the Dome. Please use any restroom on each floor before entering. Please see a building map for more information.
- ★Your umbrella can be put in a umbrella stand on the back of your own seat.
- ★All programs in our planetarium are conducted by live presentation with a curator. Please remain silent.
- ★To protect all visitors and live shows, staff may ask any visitor any time to stop any behavior(include talking, yelling, baby’s crying, walking around or using cell phones) which may disturb other visitors.
- ★Nagoya City Science Museum closes at 17:00 except planetarium. Make sure that you will not able to see the exhibitions after the last show (starting at 16:40).