



Public Lecture on Cryogenic Engineering
and Superconductivity

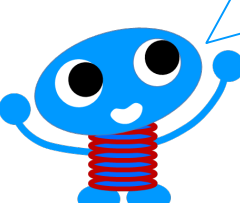
World of Cryogenics and Superconductivity

Is it cryogenic? What is superconductivity? What are they used for?

November 14 (Sun), 2021, 9:30-16:30

Fukuoka City Science Museum Science Hall

Entrance free



Events to experience
"superconductivity"
and "cryogenic
temperatures"
Come and see me!

Co-Hosted by
Cryogenics and
Superconductivity Society of
Japan



The Science Council of Japan



日本学術会議
SCIENCE COUNCIL OF JAPAN

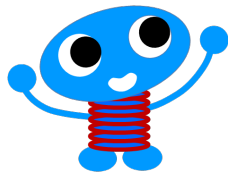
Cooperation: Fukuoka City Science Museum

Support:: Fukuoka City Board of Education

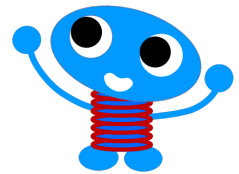


What is the “World of Cryogenics and Superconductivity”?

The “world of cryogenics and superconductivity” is an event in which everyone, together with Cryogenics and Superconductivity Society of Japan, experiences about “superconductivity phenomena” and “cryogenic temperature”. Superconductivity is a phenomenon in which the electrical resistance of a substance becomes zero at low temperatures. Because there is no resistance, a large amount of current can flow without losses. Superconductivity contributes to energy conservation and makes strong magnets, making it very useful for our lives. During the next November 15-19, researchers of superconductivity will gather at the Fukuoka International Conference Center and a world’s leading international conference on magnet technology will be held.



Event Description



Touch and feel! Superconductivity

- ▶ **Superconducting coaster**
- ▶ **Strange mushrooms floating in the fluffy air**
- ▶ **Let's cool with liquid nitrogen!**

Experience cryogenic and superconductivity with many other experiments and demonstration machines!

Public Lecture on "World of Cryogenics and Superconductivity"

- ▶ **Low-temperature curious phenomenon**

Time 10:00-10:30 and 13:30-14:00

Professor Hiroshi Ikeda

(High Energy Accelerator Research Organization)

- ▶ **Useful Superconductivity Technologies**

Time 11:00-11:30 and 14:30-15:00

Instructor Naoyuki Amemiya

(Kyoto University)

(No Prior Application Necessary)

■■Access■■

●From Hakata Station : → Tenjin Station (walk) at Hakata Station (subway airport line)

→Tenjinnan Station (Shichisumi Line of the subway) → Ropponmatsu Station (in front of Science Museum)

(Walk) → Fukuoka City Science Museum

●Time required (reference): 24 minutes

※ We do not have a special parking lot. Use public transportation

【Check new message】

Public Interest Incorporated Association of Cryogenics and Superconductivity Society of Japan

TEL. 03-3818-4539 (weekdays 9:30 to 17:00)

Fukuoka City Science Museum

4-2 Ropponmatsu, Chuo-ku, Fukuoka-shi, 1 TEL. 092-731-2525

Opening hours 9:30-18:00 (Last entrance is 17:30) Closed on Tuesday

