



#4

Lecture Series on

# Japanese Society and Culture

## The Japanese technologies for space development and the interests of space environment

Speaker: Prof. Takashi Zaitzu

(Department of Oral Health Promotion)

Do you know the history of the space development?

Now, the International Space Station (ISS) is in the 400km above the ground, and various space experiments are carried out. And one Japanese Astronaut will leave for ISS this month.



Asteroid spacecraft "HAYABUSA", H-II Transfer Vehicle "KONOTORI", Experiment Module in ISS "KIBO", all these technologies are developed by Japan Aerospace eXploration Agency (JAXA). The space environment is greatly different from ground for zero gravity, enclosed environment and highly-concentrated radiation.

I worked as a dental researcher of JAXA Space Biomedical Research Office (J-SBRO) for two years. I will introduce the Japanese technologies of the space development which expand globally, and special environment in the space with the viewpoint of a dentist.

2015

July 14<sup>th</sup> **Tue** 13:10-14:40

IEC Lounge, 4<sup>th</sup> Floor, Building #1 West

Open to all university community members!!

**Inquiry**

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