

November 11, 2021

The 5th Asian Superconductivity School

Dear Participants:

Thank you for participating in the 5th Asian Superconductivity School. I would like to express my welcome to all of you. This school will be conducted in a **hybrid format using Zoom, oVice and Slack**. We have 74 registrants from 9 countries. I think this is one of the advantages of virtual conferencing format.

Below is an explanation of the school's implementation procedures and the steps you will need to take to use the virtual platform for the school. **Be sure to check you can access 1) Slack, 2) Zoom and 3) oVice before the school begins.**

Following the 6 lectures, **we will also have an opportunity for the participants to interact with each other at virtual poster venue on oVice**. We plan to have participants introduce their own research or research groups and exchange opinions. We will assign poster-boards on oVice, so **if you would like to make a presentation, please let us know your intention by replying to kiss@sc.kyushu-u.ac.jp**.

1. Platform

(1) Slack

We launched a **Slack for Asian Superconductivity School as the main platform** for the school (Fig. 1). All the relevant information will be posted on the Slack, therefore, it is very important you register the Slack. **You will receive an invitation email on Nov. 12 for registering the Slack, then follow the instruction to register the Slack**. If you didn't receive the invitation, please contact us. **Please also check your spam filter because the message might be trapped.**

Please contact us if you have any problems logging into it. Participants can communicate with each other on the Slack and upload related files.

Zoom link for the lecture will also be posted “channel_for_participants “on the Slack.

In addition, since I'll set up a channel for each lecture, the question and answer can be discussed by chat using this channel. The participants are from around the world, and I have put in place a system that allows for offline questions in consideration of the problems of time differences.

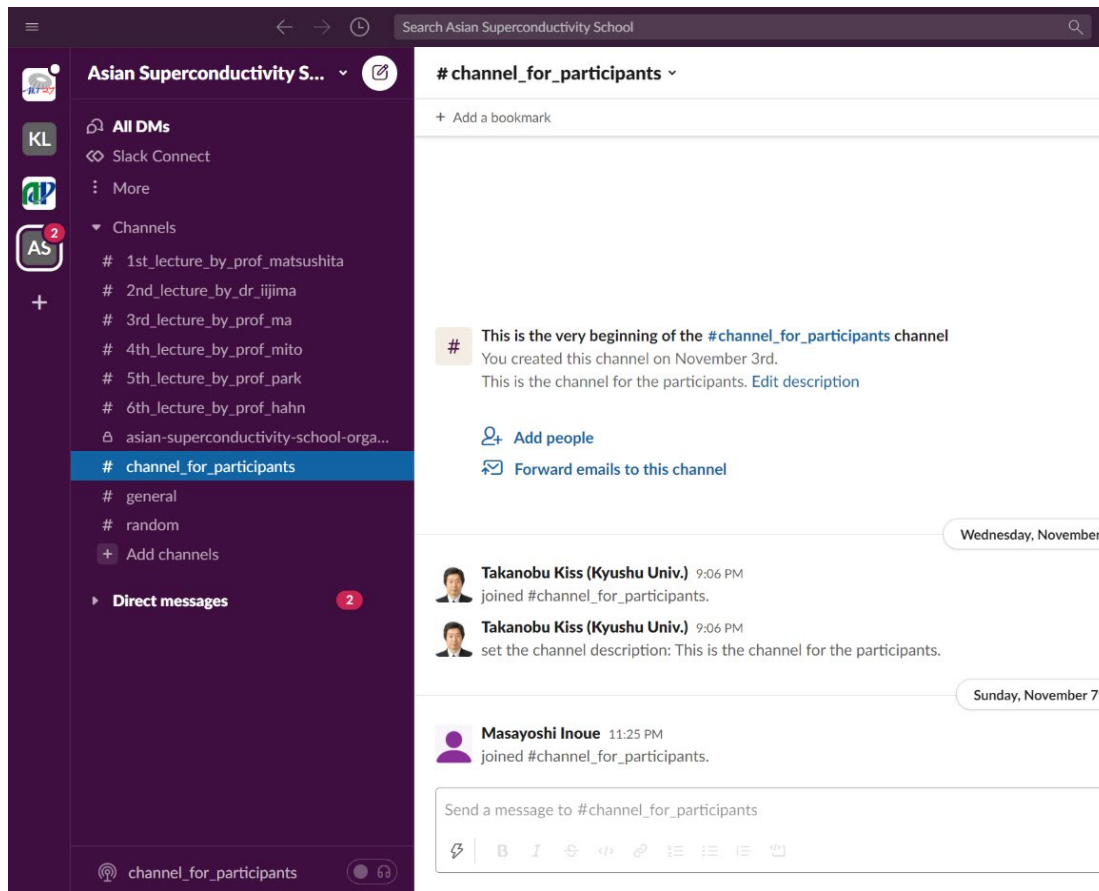


Fig. 1. Slack for the Asian Superconductivity School.

Important information will be posted to the channel, “channel_for_participants”. Each lecture materials will be posted at the channels for each lecture. Feel free to post your own message to the other participants and for Q&A.

(2) Zoom for lectures

Lectures will be distributed using Zoom and projected onto the screen of the venue so that participants can watch them. **Link to the Zoom will be posted on the Slack.**

(3) oVice for Exchange program between participants

We prepared a virtual poster venue on oVice as shown in Fig. 2. You can enter the floor using **the link posted on the Slack**. While logging into the oVice, you might be requested to register you email address. In this case, please use your **email address used for the registration of the school**.

oVice allows you to communicate through avatars, allowing face-to-face like communication. **It is preferable you can set your avatar using your own face photo** so as to be able to recognize

each other easier like in-person communication. Details of the instruction for oVice is available at following URL.

https://csj.or.jp/conference/MT27/wp-content/uploads/2021/10/Manual-for-POSTER-PRESENTATION_Ver8.0.pdf



Fig. 2. Virtual poster venue on oVice for the Asian Superconductivity School.

Participants exchange will be held on the oVice. To assign your poster-board, please contact kiss@sc.kyushu-u.ac.jp

[Contact]

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2. Agenda

7:30-8:20 Registration desk is opened for on-site participants

8:20-8:30 **Opening**

8:30-9:30

Fundamentals of electromagnetism of superconductivity – for better understanding of critical currents and AC losses

Prof. Teruo Matsushita, Kyushu Inst. Tech., Japan

9:45-10:45

REBCO coated conductors

Dr. Yasuhiro Iijima, Fujikura Ltd., Japan

11:00-12:00

MgB₂ and Fe-based superconducting wires

Prof. Yanwei Ma, IEE CAS, China

13:00-14:00

Cryogenic systems for large-scale superconducting applications

Prof. Toshiyuki Mito, NIFS, Japan

14:15-15:15

Superconducting rotatory machine

Prof. Minwon Park, CNU, Korea

15:30-16:30

HTS based high field magnet

Prof. Seungyong Hahn, SNU, Korea

16:50-17:50 (30min x 2)

Participants exchange program on virtual Hall: introducing participants' research and exchanging opinions

17:55-18:00 **Closing**