

# Training Course on Symmetry and Group Theory

Common Specialized Subject of Graduate Institute for Advanced Studies, SOKENDAI

July 13th (Mon) - 17 (Fri), 2026 @ KEK Tsukuba

Venue : High Energy Accelerator Research Organization (KEK)  
(Oho 1-1, Tsukuba, Ibaraki, 305-0801, Japan)

Lecturer : Prof. Massimo NESPOLO  
Université de Lorraine, France / The Graduate University  
for Advanced Studies (SOKENDAI)

Prerequisite : Participants are expected to be familiar with basic  
matrix algebra (product of matrices, calculation of  
determinant and trace).

Registration : Please register via the web form by using the link or  
the QR code below.

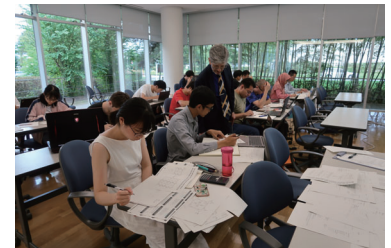
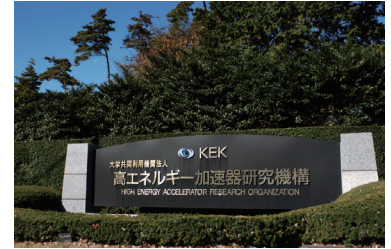
- Registration will start on 10 a.m., May 12th (Tue.), 2026
- \*We will close when we reach the capacity (approx.35 people).

Fee : FREE of charge, but no support for any daily expenses  
such as a travel fee, accommodation fee or meals, is provided.  
\*Participants can use the KEK Dormitory during the course.

Schedule : 9 a.m. - 6 p.m.  
(Evening sessions are proposed for discussion,  
practicals, solution to the exercises, questions & answers.)

Program : - Crystallographic point and space groups  
- Analysis and interpretation of volumes A and A1 of the  
International Tables for Crystallography  
- Group-subgroup relations in the study of phase  
transitions and domain structures etc.  
\*This course is open to other universities and other graduate  
school students may acquire credits for this course.  
For more details, please refer to our web page.

Local Organizing Committee in Tsukuba :  
Prof. Noriyuki Igarashi, KEK  
Prof. Takashi Kamiyama, CSNS,  
Contact:tyoshimi@post.kek.jp (Office)



<https://pfwww.kek.jp/trainingcourse/14th/engcourse/>

Organized:  日本結晶学会  
THE CRYSTALLOGRAPHIC SOCIETY OF JAPAN

Co-organized:



※This course is partly supported by RIGAKU Fund of CrSJ (The Crystallographic Society of Japan).