



# KEK Summer Student Program (KEKSSP)

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**KEK**

**JENNIFER2 Project General Meeting**

**Jun. 2, 2024**



# About KEKSSP

## KEK Summer Student Program (KEKSSP)

- Official name: **SOKENDAI KEK Tsukuba/J-PARC Summer Student Program**
  - ✓ SOKENDAI = Graduate University for Advanced Studies
- Students: 3rd and 4th year of undergraduate, or master course.
- Stay 4-8 weeks at KEK (Tsukuba or Tokai), and work in some KEK's project

## Programs:

- Elementary particle physics.
- Advanced detector technology.
- Nuclear physics.
- Accelerator.
- Material & life science.
- Theory (Lattice).



## SOKENDAI KEK Tsukuba/J-PARC Summer Student Program

Supported by



The Graduate University  
for Advanced Studies, SOKENDAI



International and Inter-institution  
Network for Accelerator Science  
to Next Generation, IINAS-NX



JENNIFER2 a HORIZON2020  
MSCA-RISE project, g.a. 822070

<https://www.kek.jp/en/education/sokendai/spp>



# About KEKSSP

- Originally started as J-PARC summer student program. This program was supported by SOKENDAI from 2017.
- In 2018, SN started a new program KEK student program at Tsukuba Campus.
- These two program are combined in 2019 → KEKSSP
  - ✓ The program in 2020-2022 was canceled due to COVID.
- Students study under each project separately, but there is a few days of “common” program (lecture, tour, presentation, party) in July.

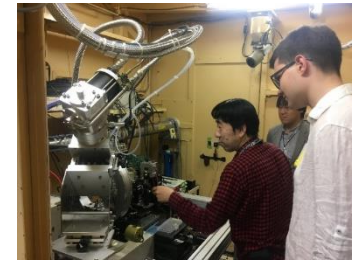
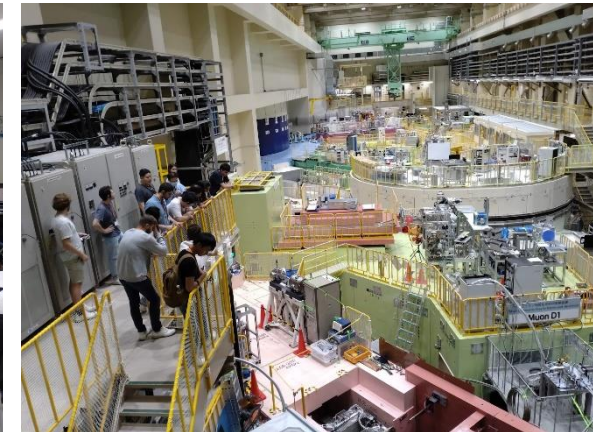


photo with Prof. Kobayashi (2019)



Presentation, lecture, tour at J-PARC (2023)





# Applicants in KEKSSP 2024

## Country of Univ.

## Grade

## 1st Preference

Brazil	2	Mongolia	1
Canada	2	Nepal	1
China	13	Netherlands	3
Colombia	1	Pakistan	2
Ecuador	1	Poland	1
France	5	Russia	4
Germany	10	South Korea	1
Hong Kong	2	Spain	6
Hungary	1	Sweden	1
India	25	Switzerland	3
Indonesia	17	Taiwan	1
Israel	1	Thailand	6
Italy	22	Turkey	3
Japan	1	UK	15
Jordan	2	US	3
Kazakhstan	1	Vietnam	9
Korea	4		<b>175</b>
Luxembourg	1		
Malaysia	1		
Mexico	3		

2UG	9
3UG	64
4UG	37
5UG	2
M1	34
M2	21
M3	1
Graduate	3
Master	4

Accelerator Physics	21
Advanced Detection System	23
Elementary Particle Physics	67
Material and Life Science	19
Nuclear Physics	22
Theory (computational method in quantum field theory)	23



# KEKSSP 2024

- Organizers (LOC): Ken Sakashita (chair), Takashi Kobayashi, SN + 7 members.
- After the applications of KEKSSP 2024 are open, we (KEKSSP) received a proposal of co-organization of KEKSSP with JENNIFER2 project.
- For KEKSSP 2024, JENIFFER2 makes financial support for 5 students from Europe.
  - ✓ Total 22 students (8 from Europe)
- We welcome for JENIFFER2 members' contributions to “common program” (e.g. lecturer).
  - ✓ The main part is scheduled on July 29 + additional days.
- Now, students are assigned to projects, and the schedule (staying period) of students are being finalized.
- We would like to make a cooperation at KEKSSP 2025.
  - ✓ I think the discussion for KEKSSP 2025 after summer this year.