



DMnet internal assembly



Closed session

in 2rd DMNet International Symposium

Max Planck Institute for Nuclear Physics, Heidelberg

13rd September 2022

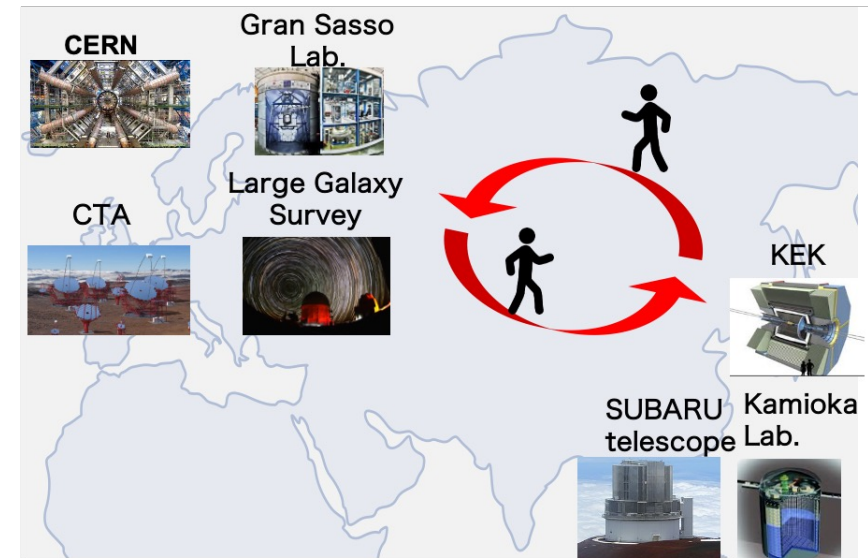
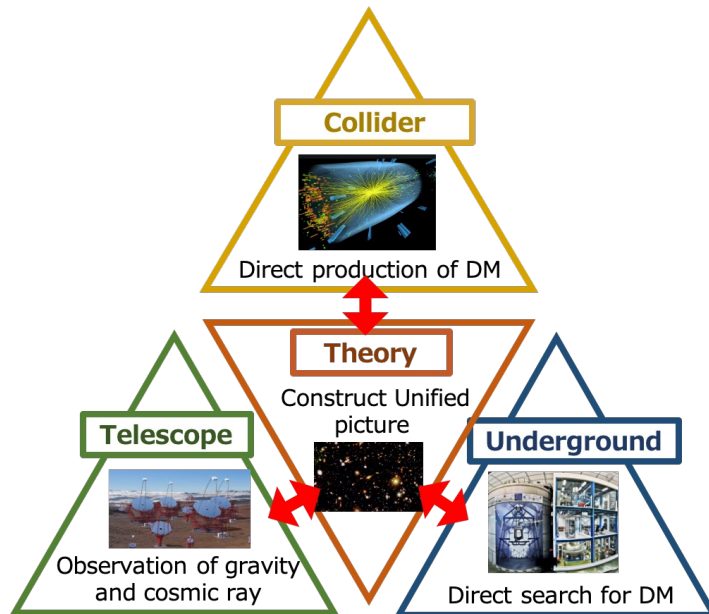
Junji Hisano

- Check current status of DMNet activities
- Discuss plan of DMNet activities in the period and in the future

Fostering international research network to reveal dark matter

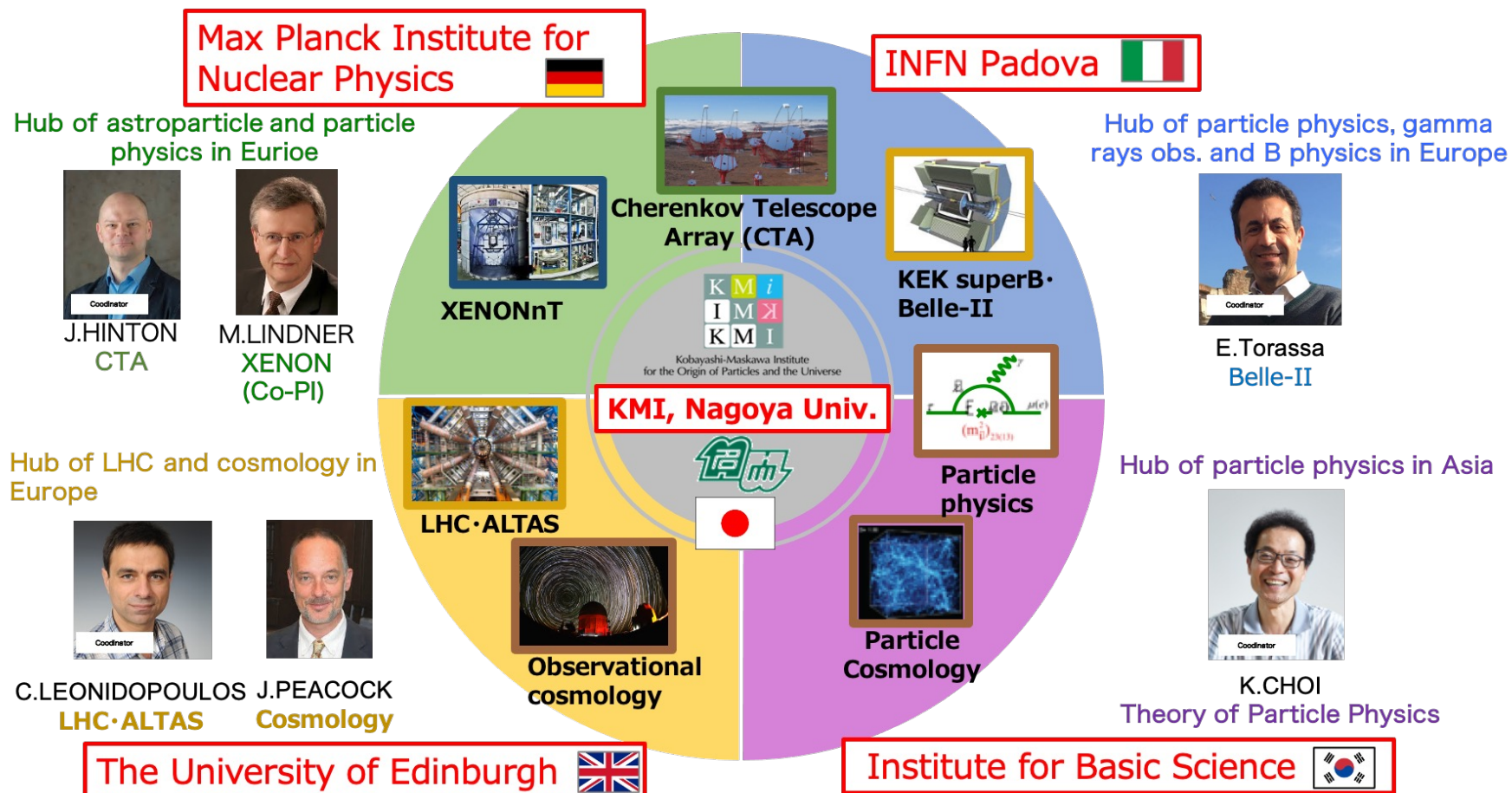
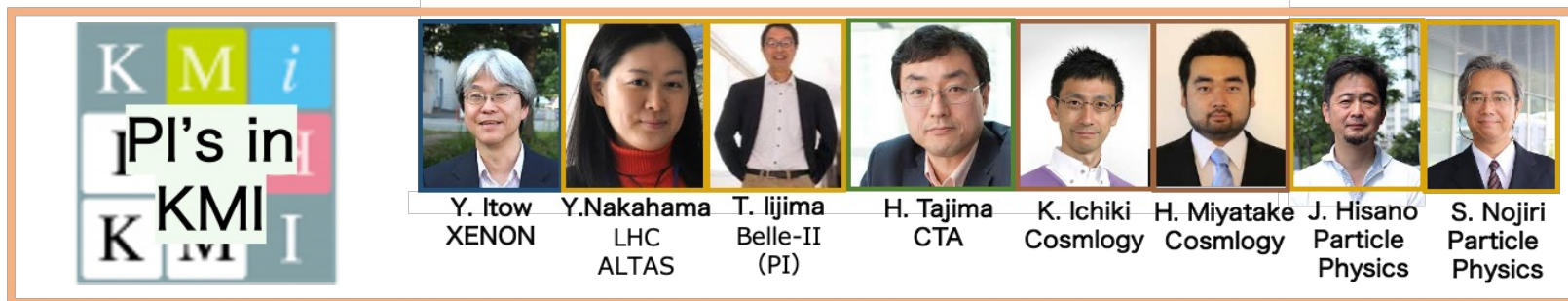
Interdisciplinary approach between theoretical and experimental studies in particle and astro physics

Cooperation with research hubs and promotion of intensive interaction among researchers



- Fostering young researchers across fields and borders
- Construction of research hub of dark matter

2 Our international research network



Collaboration

R1: Searches for dark matter at LHC

The Univ. of Edinburgh and institutes in UK and Italy.

R2: Searches for dark matter at Belle-II

INFN Padova and institutes in UK, Italy, and Germany.

R3: Dark matter direct detection experiments

MPI for Nuclear Physics and institutes in Italy and Germany.

R4: Observation of gamma rays from dark matter

MPI for Nuclear Physics and institutes in Italy and Germany.

R5: Studies of dark matter with galaxy surveys

The Univ. of Edinburgh and institutes in UK.

R6: Theoretical studies of dark matter

IBS and institutes in UK, Italy, Germany, and Korea.

R7: Planning of future dark matter studies

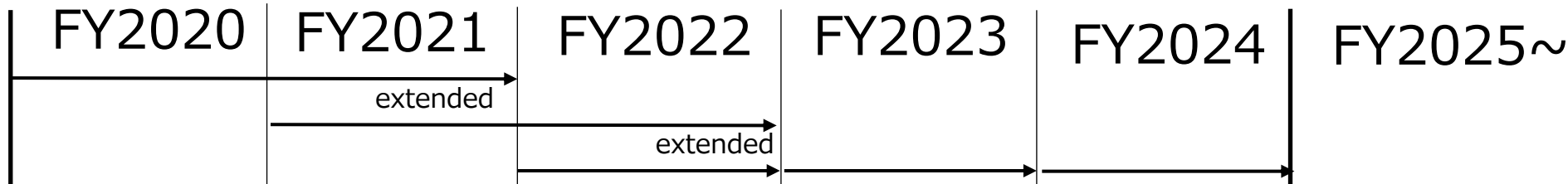
Everyone, especially young researchers, are expected to contribute.
Start in 2022.

Before COVID-19

FY2020	FY2021	FY2022	FY2023	FY2024	FY2025~
Kickoff symposium @JP	Symposium of DD and ID @DE	Symposium of LHC and Belle2 @IT, KR, or JP (?)	Symposium of cosmology and particle physics model @ UK or KR(?)	Summary symposium @ JP	DM research hub established in KMI
R1~R6		R7			
		Intermed. Exam by JSPS			

Annual budget from JPSP: 12MYen (~0.1M Euro)
 This is for activities of Japanese side, mainly overseas dispatch from Japan.
 Matching funds are required to core institutes.

After COVID-19

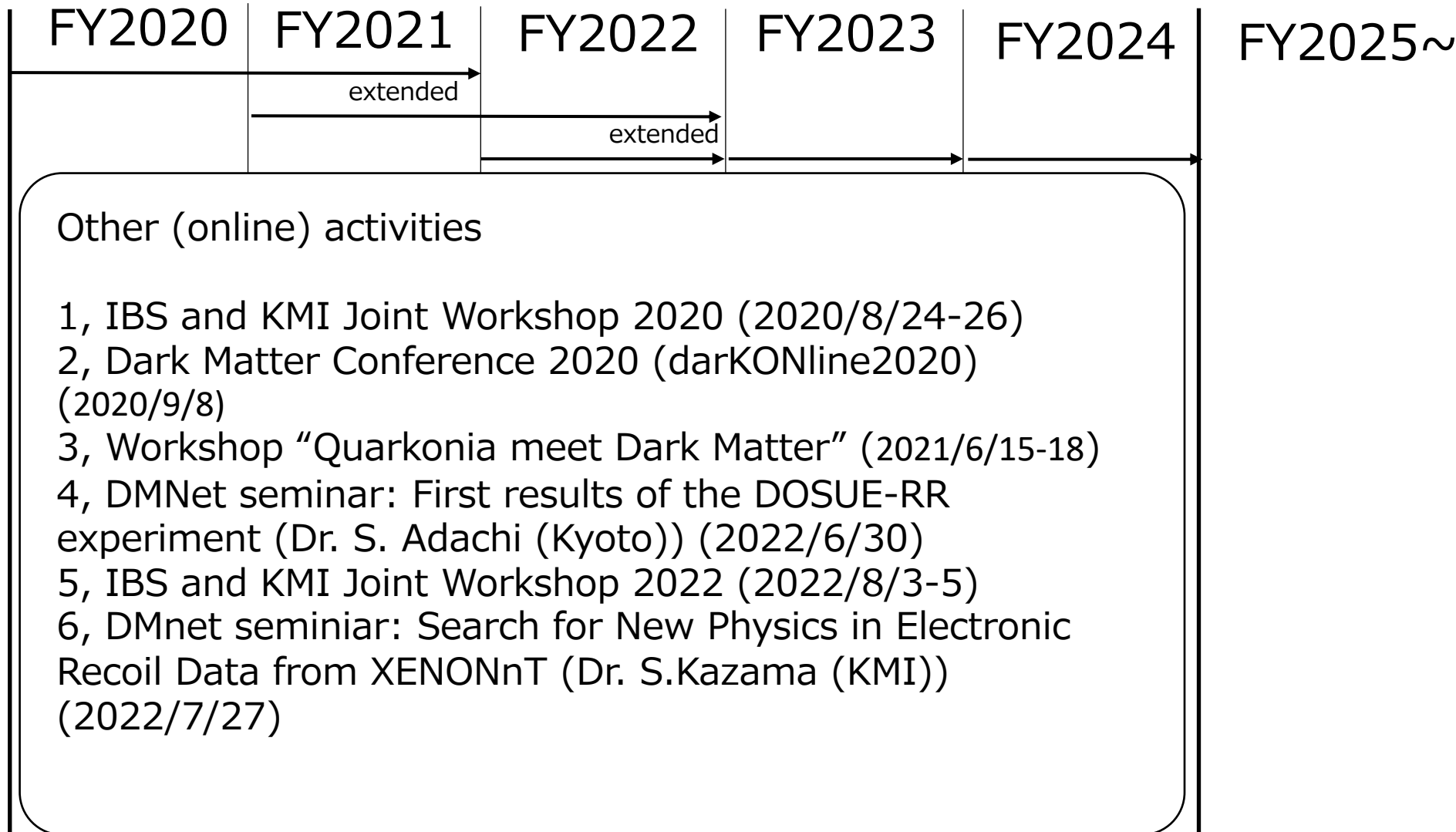


Finished or planed overseas dispatches using DMNet budget
FY2020 0
FY2021 IT 6 CH 2 (total 8 persons)
FY2022 DE 9 IT 7 UK 3 CH 6 US 1 PT 1 (total 27 persons)
All budget of FY2022 seems to be spent in this FY.

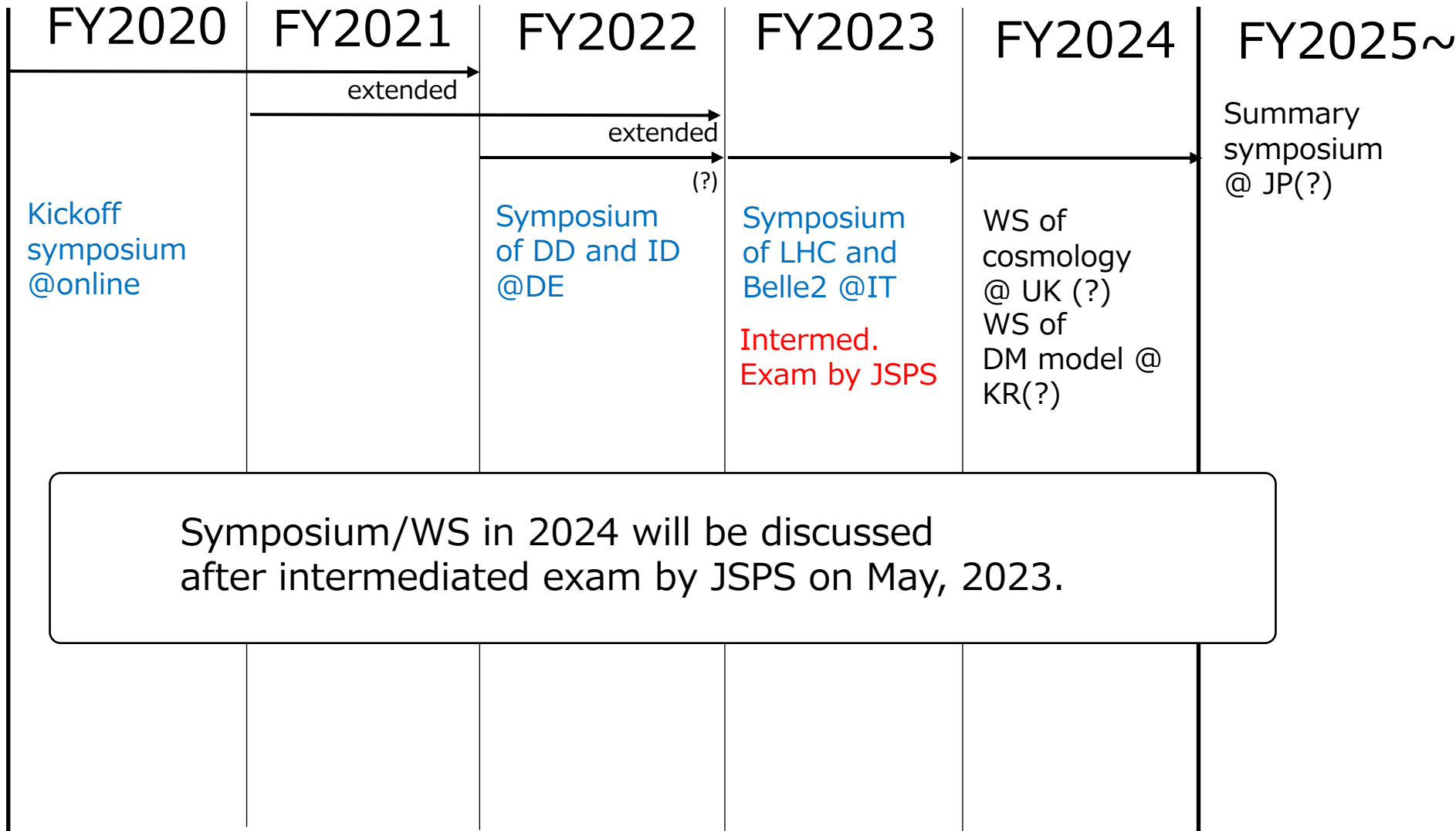
No overseas dispatch to KR (not only due to bordering measures)

of researchers from overseas to Japan is still limited.
(Some people joined Belle-II meeting in Japan.)
Japanese border measures are being loosen, though people from overseas still need to get visa.

After COVID-19



Near future of DMNet



3 Current status and future prospects

Future of resaech hub in Japan

