



Welcome to

The 2nd DMnet International Symposium on "Direct and Indirect Dark Matter Search"

Max Planck Institute for
Nuclear Physics, Heidelberg

13-15 Sept. 2022

Junji Hisano (KMI, Nagoya)



Kobayashi-Maskawa Institute



Acknowledgements

This symposium was assumed to be held last year, though it was impossible.

- Thank MPI for Nuclear Physics, Heidelberg, for supports on this symposium.
- Thank all speakers for contributing to this symposium
- Thank all participants for joining and activating this symposium.

- Thank organizing committee

Julia Djuvsland, MPIK

Toru Iijima, Nagoya

Shingo Kazama, Nagoya

Shinichi Nojiri, Nagoya

Hardy Simgen, MPIK

and symposium assistance

Anja Berneiser, MPIK

Jim Hinton, MPIK

Yoshitaka Itow, Nagoya

Manfred Lindner, MPIK

Akira Okumura, Nagoya

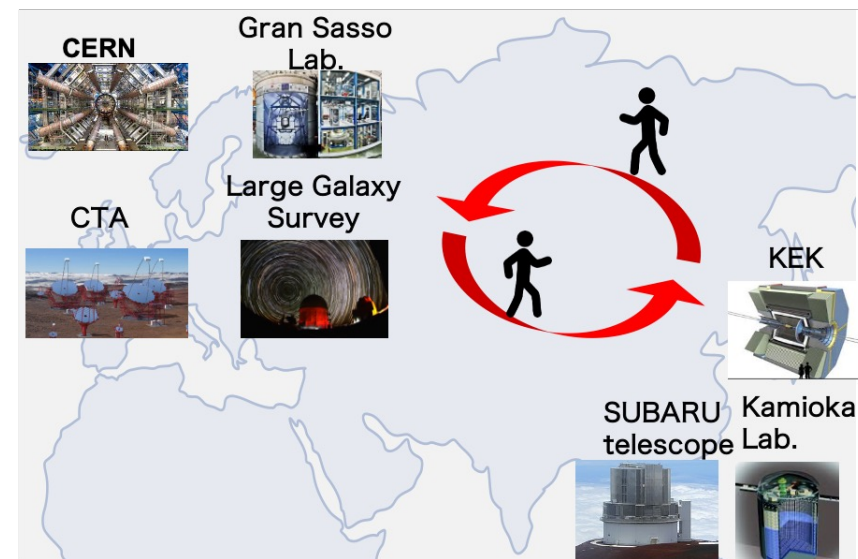
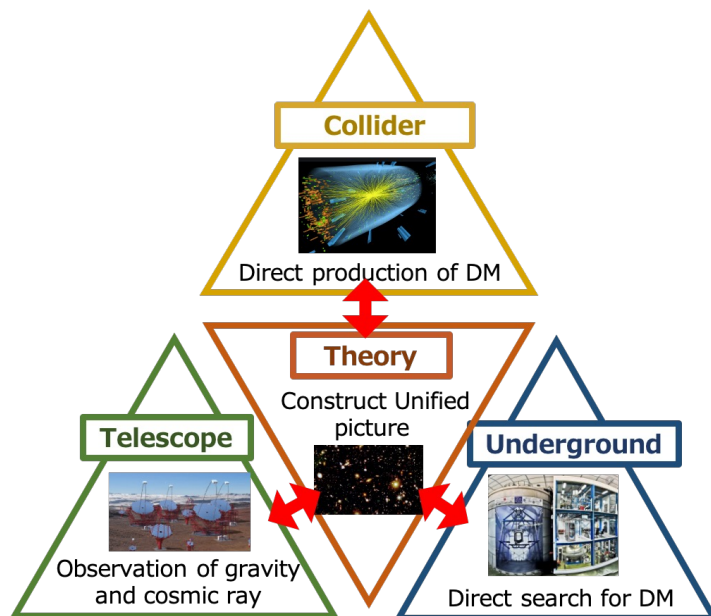
Hiroyasu Tajima, Nagoya

Ruth Crespo, MPIK

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

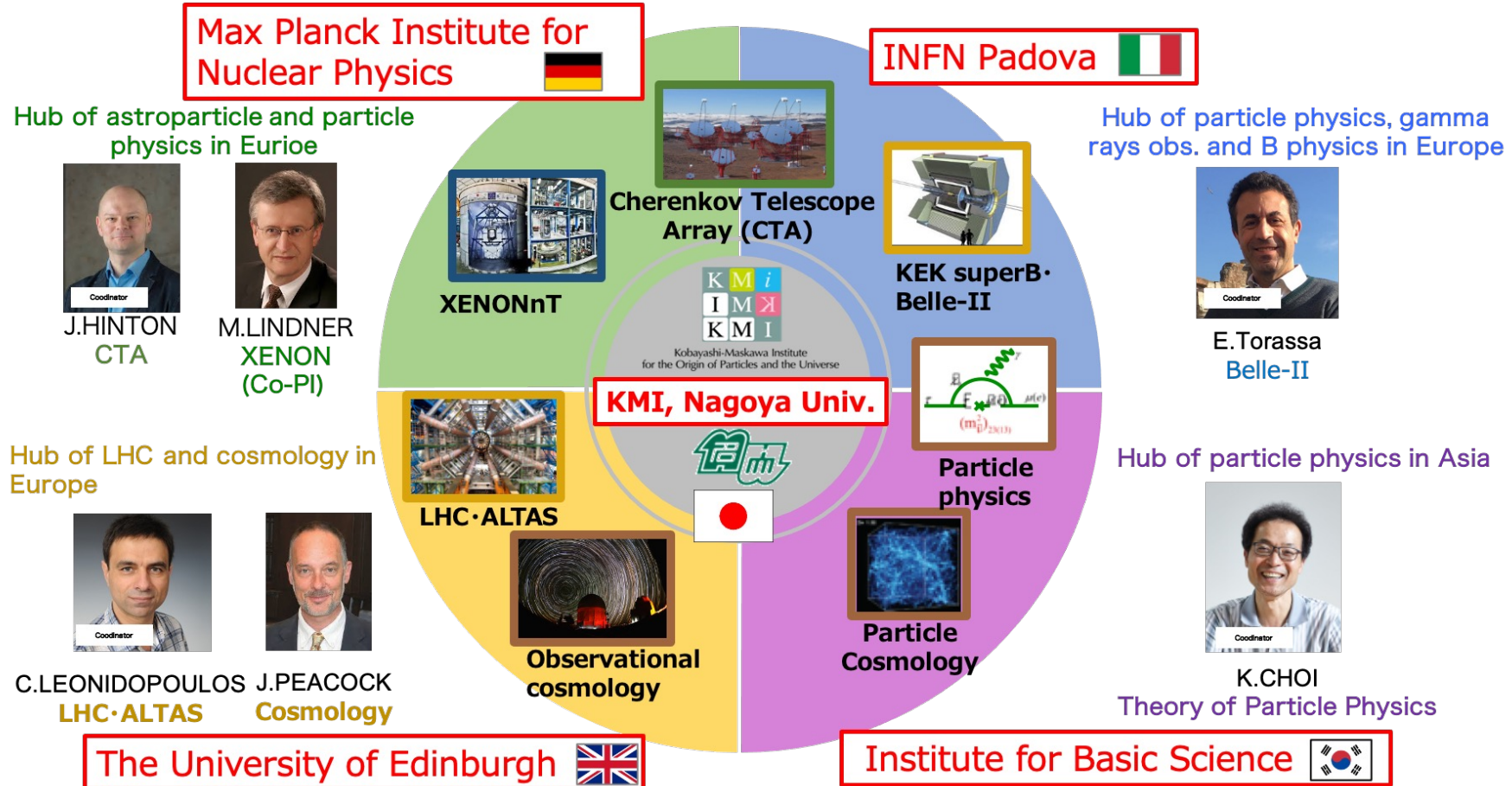


- Fostering young researchers across fields and borders
- Construction of research hub of dark matter

Our international research network (DMNet)



							
Y. Itow XENON	Y. Nakahama LHC ALTAS	T. Iijima Belle-II (PI)	H. Tajima CTA	K. Ichiki Cosmology	H. Miyatake Cosmology	J. Hisano Particle Physics	S. Nojiri Particle Physics



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.

Dark Matter is a window to BSM !

We hope this symposium will be
successful and fruitful,
and that the (DMNet) network will
deepen.

Please enjoy!

Please visit on DMNet Homepage if you want to know in more detail.
<https://www.kmi.nagoya-u.ac.jp/jsps-core-to-core-program/>