

2nd International Symposium on
Quantum-field Measurement Systems for
Studies of the Universe, Particles, and Other Applications

QUPosium2023

Addressing five mysteries of the Universe with new eyes

Date: Mon. Dec. 11 - Wed. Dec. 13

Format: Hybrid (Onsite & Online)

Venue: Epochal Tsukuba International Congress Center
Tsukuba, Japan

What drives inflation and
causes accelerated expansion of early Universe?

Why is there more matter than antimatter in the Universe?

What are the fundamental properties of neutrinos?

What is the nature of dark matter?

What is dark energy that causes accelerated
expansion in late Universe?

Invited Speakers

Shunsuke Adachi (Kyoto U.)

Christopher Betancourt (QUP, KEK)

Daniela Bortoletto (Oxford U. / QUP)

Yuji Chinone (QUP, KEK)

Joseph Eimer (Johns Hopkins U.)

Makoto Fujiwara (TRIUMF)

Maurice Garcia-Sciveres (LBNL, Berkeley / QUP)

Henry Gebhardt (JPL / Caltech)

Nils Halverson (U. Colorado / QUP)

Roni Harnik (Fermilab)

Hideo Iizuka (Toyota Central R&D Labs. / QUP)

Daisuke Kaneko (QUP, KEK)

Kazunori Kohri (NAOJ / IPNS, KEK / QUP)

Gordan Krnjaic (Fermilab / U. Chicago)

Alexander Kusenko (UCLA / Kavli IPMU)

Norikazu Mizuuchi (Kyoto U. / QUP)

Shigetaka Moriyama (ICRR, U. Tokyo)

Takeo Moroi (U. Tokyo / QUP)

Yu Nakahama (IPNS, KEK / QUP)

Masayuki Nakahata (ICRR, U. Tokyo)

Kazunori Nakayama (Tohoku U. / QUP)

Stefano Profumo (UC Santa Cruz)

Adam Riess (Johns Hopkins U. / STSI)

Misao Sasaki (Kavli IPMU, U. Tokyo)

Tracy Slatyer (MIT)

Masao Takamoto (RIKEN)

Takahiro Tanaka (YITP, Kyoto U.)

Nanae Taniguchi (IPNS, KEK / QUP)

Noriko Yamasaki (ISAS, JAXA / QUP)

Yu Zhou (QUP, KEK)

