

Session Program

25-27 Nov 2026

KEK Theory Workshop 2026

Plenary Session

KEK Tsukuba Campus, K03 Seminar Hall
KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN

Wednesday 25 November

09:30
10:40
11:00
12:00
13:30
14:30

Plenary Session: I

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Asato Tsuchiya

09:30–09:40 **Memorial remarks for Prof. Kitazawa**

Speaker
Hikaru Kawai

09:40–10:40 **Emergence of space-time and matter from matrix model**

Speaker
Hikaru Kawai

Plenary Session: II

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Asato Tsuchiya

11:00–12:00 **Open quantum systems: From many-body physics to feedback control**

Speaker
Masaya Nakagawa

Plenary Session: III

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Asato Tsuchiya

13:30–14:30 **6d/5d gauge theories from web diagrams**

Speaker
Hirotaka Hayashi

Thursday 26 November

09:30

Plenary Session: IV

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Shin Nakamura

09:30–10:30

New de Sitter space holography from time-like entanglement

Speaker

Tadashi Takayanagi

10:30

10:45

Plenary Session: V

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Shin Nakamura

10:45–11:45

Optimal transport, holography and quantum chaos

Speaker

Norihiro Tanahashi

11:45

13:30

Plenary Session: VI

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN | **Convener:** Shin Nakamura

13:30–14:30

Advances in Hamiltonian lattice theory for realizing chiral gauge theories

Speaker

Tatsuya Yamaoka

14:30

Friday 27 November

09:30

Plenary Session: VII

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN |
Convener: Takeshi Morita

09:30–10:30

Information theoretic approaches to closed universe

Speaker

Takato Mori

10:30

10:45

Plenary Session: VIII

Session | **Location:** KEK Tsukuba Campus, K03 Seminar Hall, KEK, 1-1 OHO, TSUKUBA, IBARAKI 305-0801, JAPAN |
Convener: Takeshi Morita

10:45–11:45

Microstates of black holes and of whatnot

Speaker

Masaki Shigemori

11:45