

1st NTHU Physics - NITEP kick-off meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

opening : Introduction to NITEP and others

Saturday, 27 January 2024 15:00 (20 minutes)

Hiroshi Itoyama, Director of NITEP, OMU

Session Classification: Introductions

Contribution ID: 2

Type: **not specified**

Introduction to NTHU

Saturday, 27 January 2024 15:40 (20 minutes)

Pochung Chen, Director of Department of Physics, NTHU

Session Classification: Introductions

Contribution ID: 3

Type: **not specified**

Introduction to OMU

Saturday, 27 January 2024 15:20 (20 minutes)

Yoshiki Tsunesada, Chairman of Department of Physics, OMU

Session Classification: Introductions

Contribution ID: 4

Type: **not specified**

Quantum error correction realized by the renormalization group in scalar field theories

Saturday, 27 January 2024 16:20 (20 minutes)

Asato Tsuchiya, Shizuoka U.

Session Classification: session 1

Contribution ID: 5

Type: **not specified**

TBD

Saturday, 27 January 2024 16:40 (20 minutes)

Shin Inouye, NITEP,OMU

Session Classification: session 1

Contribution ID: 6

Type: **not specified**

Machine-learning enhanced quantum state tomography and its application to the gravitational wave detectors

Saturday, 27 January 2024 17:00 (20 minutes)

Ray Kuang Lee, NTHU

Session Classification: session 1

Contribution ID: 7

Type: **not specified**

Alfvén waves in a homogeneous Beltrami magnetic field

Saturday, 27 January 2024 17:30 (20 minutes)

Hideki Ishihara, NITEP,OMU

Session Classification: session 2

Contribution ID: 8

Type: **not specified**

Quantum spacetime and black hole

Saturday, 27 January 2024 17:50 (20 minutes)

Chong-Sun Chu, NTHU

Session Classification: session 2

Contribution ID: 9

Type: **not specified**

TBD

Saturday, 27 January 2024 18:10 (20 minutes)

Akira Oguri, NITEP,OMU

Session Classification: session 2

Contribution ID: **10**

Type: **not specified**

SEE (Sparse Edge Encoder) for natural and medical images

Monday, 29 January 2024 09:30 (20 minutes)

Hsiu Hau Lin, NTHU

Session Classification: session 3

Contribution ID: **11**

Type: **not specified**

Visualization and control of photosynthetic processes

Monday, 29 January 2024 09:50 (20 minutes)

Mitsuru Sugisaki, NITEP,OMU

Session Classification: session 3

Contribution ID: **12**

Type: **not specified**

Optical probing of operation processes in organic semiconductor devices

Monday, 29 January 2024 10:10 (20 minutes)

Katsuichi Kanemoto, NITEP,OMU

Session Classification: session 3

Contribution ID: 13

Type: **not specified**

Studies on π -conjugated radical magnets and attempts of thermal transport measurements for submillimeter crystals

Monday, 29 January 2024 11:00 (20 minutes)

Toshio Ono, NITEP,OMU

Session Classification: session 4

Contribution ID: **14**

Type: **not specified**

Quantum Gas Mixture And Trapped Ion Experiments at NTHU

Monday, 29 January 2024 11:20 (20 minutes)

Shih-Kuang Tung, NTHU

Session Classification: session 4

Contribution ID: 15

Type: **not specified**

Ultrafast resonant photon emission from a coherently driven single molecule: Dynamical transition from quantum to classical radiation

Monday, 29 January 2024 11:40 (20 minutes)

Satoshi Tanaka, NITEP,OMU

Session Classification: session 4

Contribution ID: **16**

Type: **not specified**

Gravitational wave observation and supporting technologies

Monday, 29 January 2024 13:00 (20 minutes)

Nobuyuki Kanda, NITEP,OMU

Session Classification: session 5

Contribution ID: 17

Type: **not specified**

Astronomy and gravitational wave research in NTHU

Monday, 29 January 2024 13:20 (20 minutes)

Albert Kong, NTHU

Session Classification: session 5

Contribution ID: **18**

Type: **not specified**

Galaxy mid-infrared number counts and inferred cosmic star-formation history from the James Webb Space Telescope

Monday, 29 January 2024 13:40 (20 minutes)

Tomo Goto, NTHU

Session Classification: session 5

Contribution ID: **19**

Type: **not specified**

TBD

Monday, 29 January 2024 14:30 (20 minutes)

Masako Iwasaki, NITEP,OMU

Session Classification: session 6

Contribution ID: **20**

Type: **not specified**

Flux Compactification and Naturalness

Monday, 29 January 2024 14:50 (20 minutes)

Nobuhito Maru, NITEP,OMU

Session Classification: session 6

Contribution ID: 21

Type: **not specified**

Towards a Holographic Interpretation of the Time Evolution of Quantum Entanglement

Monday, 29 January 2024 15:10 (20 minutes)

Shoichi Kawamoto, J.F.Oberlin U.

Session Classification: session 6