

ML@HEP

Report of Contributions

Contribution ID: 2

Type: **not specified**

XXXXXXXXMLXXXX

Friday, July 8, 2022 1:35 PM (30 minutes)

Presenter: NISHI, Takahiro (Riken)

Session Classification: XXXXXXXXXXXXXXXXXXXX

Contribution ID: 3

Type: **not specified**


LHCXXXXXXXX

Session Classification: XXXXXXXXXXXXXXXXXXXX

Contribution ID: 4

Type: **not specified**

1-3

Session Classification: 



Contribution ID: 5

Type: **not specified**



Saturday, July 9, 2022 9:00 AM (30 minutes)

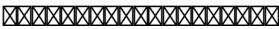
Presenter: LI, Liangzhi (Osaka University)

Session Classification:

Contribution ID: 6

Type: **not specified**

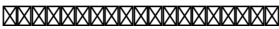
2-2

Session Classification: 

Contribution ID: 7

Type: **not specified**

2-3

Session Classification: 

Contribution ID: 8

Type: **not specified**

XXXX: XXXXXAIXXXXXX

Friday, July 8, 2022 4:30 PM (30 minutes)


Presenter: SUZUKI, Shota (Softbank AI project Axross)

Session Classification: XXXXXXXXXXXXXXXXXXXX

Contribution ID: 9

Type: **not specified**


3-2

Session Classification: 

Contribution ID: **10**

Type: **not specified**


3-3

Session Classification: 

Contribution ID: **11**

Type: **not specified**

3-4

Session Classification: 

Contribution ID: 12

Type: **not specified**

LHCXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Saturday, July 9, 2022 9:30 AM (30 minutes)

Presenter: OIDE, Hideyuki (KEK (JP))

Session Classification: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 13

Type: **not specified**

4-2

Session Classification: 

Contribution ID: 14

Type: **not specified**

4-3

Session Classification: 

Contribution ID: **16**

Type: **not specified**

6-2

Session Classification: 

Contribution ID: 17

Type: **not specified**

6-3

Session Classification: 

Contribution ID: **18**

Type: **not specified**

6-4

Session Classification: 

Contribution ID: **19**

Type: **not specified**

6-5

Session Classification: 

Contribution ID: **20**

Type: **not specified**

6-6

Session Classification: 

Contribution ID: 21

Type: **not specified**

Machine learning in gravitational wave data analysis

Friday, July 8, 2022 3:10 PM (30 minutes)

Primary author: Prof. TAKAHASHI, Hirotaka (Tokyo City University)

Presenter: Prof. TAKAHASHI, Hirotaka (Tokyo City University)

Session Classification:

Contribution ID: 22

Type: **not specified**

KamLAND-ZenXXXXXXXXXX

Saturday, July 9, 2022 11:20 AM (15 minutes)

Presenter: OZAKI, Hideyoshi (Tohoku University)

Session Classification: XXXXXXXXXXXXXXXXXXXX

Contribution ID: 23

Type: **not specified**

COMET Phase-IXXFPGAXX

Saturday, July 9, 2022 1:50 PM (15 minutes)

Co-authors: Dr FUJII, Yuki (Monash University); Dr NAKAZAWA, Yu (KEK); Dr YOSHIDA, Hisataka (Osaka University RCNP); Dr UENO, Kazuki (Osaka University, KEK); Prof. AOKI, Masaharu (Osaka University); Dr MYEONGJAE, Lee (Sungkyunkwan university)

Presenter: MIYATAKI, Masaki (Osaka University)

Session Classification: XXX

Contribution ID: 24


Type: **not specified**

High level reconstruction for ILC with Graph Neural Network

Saturday, July 9, 2022 10:50 AM (30 minutes)

Primary author: SUEHARA, Taikan (Kyushu University (JP))

Presenter: SUEHARA, Taikan (Kyushu University (JP))

Session Classification: 

Contribution ID: 25

Type: **not specified**

Denoising using Deep Learning on COMET experiment

Saturday, July 9, 2022 10:00 AM (15 minutes)

Primary author: SATO, Ikuya (Saitama University)

Co-authors: CHEN, Wu (Osaka University); DORIAN, Pieters (Osaka University); JITTOH, Toshifumi; KANEKO, Fumihiko; KUNO, Yoshitaka (Osaka University); SATO, Joe (Yokohama National University); UESAKA, Yuichi (Kyusyu Sanyo Univ.)

Presenter: SATO, Ikuya (Saitama University)

Session Classification: 




Contribution ID: 26

Type: **not specified**



Saturday, July 9, 2022 11:50 AM (15 minutes)

Presenter: KISHIMOTO, Tomoe (KEK)

Session Classification: 



Contribution ID: 27

Type: **not specified**



Friday, July 8, 2022 3:40 PM (15 minutes)

Primary authors: TOMITA, Kota (Osaka Metropolitan University); MATSUYAMA, Mahoro

Presenters: TOMITA, Kota (Osaka Metropolitan University); MATSUYAMA, Mahoro

Session Classification:



Contribution ID: 28

Type: **not specified**



Saturday, July 9, 2022 2:05 PM (15 minutes)

Co-authors: IWASAKI, Masako (Osaka Metropolitan Univ., OM Univ. NITEP, Osaka Univ. RCNP, Osaka Univ. IDS.); Mr NAGAHARA, Hajime (Osaka Univ. RCNP, Osaka Univ. IDS); SUEHARA, Taikan (Kyushu University (JP)); YAMADA, Satoru (KEK); NAKASHIMA, Yuta (Osaka Univ. RCNP, Osaka Univ. IDS); Ms TAKEMURA, Noriko (Osaka Univ. RCNP, Osaka Univ. IDS); Mr NAKANO, Takashi (Osaka Univ. RCNP, Osaka Univ. IDS)

Presenter: KATO, Chikayo (Osaka Metropolitan Univ.)

Session Classification:




Contribution ID: 29

Type: **not specified**



Friday, July 8, 2022 3:55 PM (15 minutes)

Presenter: ARIMURA, Ryuhei (Osaka Metropolitan University)

Session Classification: 

Contribution ID: 30

Type: **not specified**

**ATLAS $\sqrt{s}=13$ (HH->bbbb) $\sqrt{s}=13$: NN
reweighting $\sqrt{s}=13$**

Saturday, July 9, 2022 11:35 AM (15 minutes)

Primary author: HAYASHIDA, Shota (Nagoya University (JP))

Presenter: HAYASHIDA, Shota (Nagoya University (JP))

Session Classification: $\sqrt{s}=13$

Contribution ID: 31

Type: **not specified**



Saturday, July 9, 2022 12:05 PM (15 minutes)

Co-authors: KIMURA, Masaaki (Hokkaido-University); MINATO, Futoshi (JAEA); IWAMOTO, Nobuyuki (JAEA); YOSHIDA, Souta (Utsunomiya-University)

Presenter: WATANABE, Shoto (Hokkaido University)

Session Classification: XXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 32

Type: **not specified**

Characterization of Realistic Intersecting D-branes Models by Machine Learning

Friday, July 8, 2022 5:45 PM (15 minutes)

Primary author: ISHIGURO, Keiya (SOKENDAI, Tsukuba)

Co-author: OTSUKA, Hajime (Waseda University)

Presenter: ISHIGURO, Keiya (SOKENDAI, Tsukuba)

Session Classification:

Contribution ID: 33

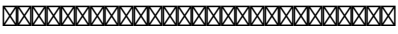
Type: **not specified**

LHC-ATLAS

Saturday, July 9, 2022 10:15 AM (15 minutes)

Primary author: SUGIZAKI, Kaito (University of Tokyo (JP))


Presenter: SUGIZAKI, Kaito (University of Tokyo (JP))

Session Classification: 

Contribution ID: **34**

Type: **not specified**


3-5

Session Classification: 

Contribution ID: 35

Type: **not specified**


5-1

Session Classification: 

Contribution ID: 36

Type: **not specified**


5-2

Session Classification: 

Contribution ID: 37

Type: **not specified**

5-3

Session Classification: 

Contribution ID: **38**

Type: **not specified**

LHCXXXXXXXXXXXXXXXXXXXX

Friday, July 8, 2022 5:00 PM (30 minutes)

Primary author: SAITO, Masahiko (University of Tokyo (JP))

Presenter: SAITO, Masahiko (University of Tokyo (JP))

Session Classification: XXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 39

Type: **not specified**

LHCXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Friday, July 8, 2022 1:05 PM (30 minutes)

Primary author: MORINAGA, Masahiro (University of Tokyo (JP))

Presenter: MORINAGA, Masahiro (University of Tokyo (JP))

Session Classification: XXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 40

Type: **not specified**

ML in large-scale structure cosmology: from emulation to field-level inference

Friday, July 8, 2022 2:40 PM (30 minutes)

Presenter: NISHIMICHI, Takahiro (Kyoto University)

Session Classification: 



Contribution ID: 41

Type: **not specified**



Saturday, July 9, 2022 1:20 PM (30 minutes)

Primary author: HORII, Yasuyuki (Nagoya University (JP))

Presenter: HORII, Yasuyuki (Nagoya University (JP))

Session Classification:

Contribution ID: 42

Type: **not specified**

XXXXXXXXXX**Belle II** XXXXXXXXXXXXXXXXXXXX

Presenter: NAKAYAMA, Hiroyuki (KEK)

Session Classification: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 43

Type: **not specified**

GANXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Friday, July 8, 2022 5:30 PM (15 minutes)

Co-authors: IWASAKI, Masako; SATOH, Masanori; SATAKE, Itsuka; NAKAJIMA, Yuta; TAKE-MURA, Noriko (Osaka Univ. RCNP, Osaka Univ. IDS); NAGAHARA, Hajime (Osaka Univ. RCNP, Osaka Univ. IDS); NAKANO, Takashi (Osaka Univ. RCNP, Osaka Univ. IDS)

Presenter: WATARAI, Ryu (Osaka Metropolitan University)

Session Classification: XXXXXXXXXXXXXXXXXXXXXXX

Contribution ID: 46

Type: **not specified**

Closing

Saturday, July 9, 2022 2:35 PM (10 minutes)

Presenter: HIGUCHI, Yu Nakahama (High Energy Accelerator Research Organization (JP))

Session Classification: 

Contribution ID: 47

Type: **not specified**

XXXXXXXXXX**Belle II** XXXXXXXXXXXXXXXXXXXX

Friday, July 8, 2022 2:05 PM (15 minutes)

Presenter: NAKAYAMA, Hiroyuki (KEK)

Session Classification: XXXXXXXXXXXXXXXXXXXX