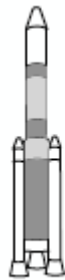


## Session Program

19-24 May 2024



# CALOR 2024

第20回 素粒子・原子核物理学

カロリメータ検出器国際会議

(つくば国際会議場, 2024年5月20日～24日)

## 20th International Conference on Calorimetry in Particle Physics

### ***Poster Session (with Coffee)***

Tsukuba International Congress Center (Tsukuba Epochal)  
2-20-3 Takezono, Tsukuba City, Ibaraki Prefecture 305-0032, Japan

## Thursday 23 May

14:10

### Poster Session (with Coffee)

#### Session |

**Location:** Tsukuba International Congress Center (Tsukuba Epochal), 2-20-3 Takezono, Tsukuba City, Ibaraki Prefecture 305-0032, Japan

14:10-14:15

#### Studies of a large dynamic range SiPM readout ASIC MPT2321-B (poster-ID100)

##### Speaker

Baohua Qi

14:15-14:20

#### Strip based on Scintillation Detector for Dual-Readout High-Granularity Calorimetry (poster-ID99)

##### Speaker

Hiroyasu Ogawa

14:20-14:25

#### Particle Reconstruction in Dual-Readout Calorimeters using Deep Learning (poster-ID98)

##### Speaker

Mr Yunjae Lee

14:25-14:30

#### HKROC: an integrated front-end ASIC to readout photomultiplier tubes for large neutrino experiments (poster-ID94)

##### Speaker

Mr Frederic Dulucq

14:30-14:35

#### Excellent Timing Cherenkov Light Detection for Dual-readout High-granularity Calorimetry (poster-ID91)

##### Speaker

WEIYUAN LI

14:35-14:40

#### Measurement of $\pi^0$ , $\eta$ and $K_S^0$ mesons with TeV energies by using LHCf detectors (poster-ID87)

##### Speaker

Hiroaki Menjo

14:40-14:45

#### Estimation of Neutron Irradiation of p-type Silicon Sensor for ALICE FoCal detector (poster-ID84)

##### Speaker

Yuka Sasaki

14:45-14:50

#### Jet Origin id at Higgs factory (poster-ID81)

**Speaker**  
Manqi Ruan

**14:50-14:55** **Beamtest results of high-density glass scintillator tiles (poster-ID75)**

**Speaker**  
Dejing Du

**14:55-15:00**

**Development of a general-purpose preamplifier for silicon sensors with high frequency compatibility and noise reduction for high energy nuclear experiments (poster-ID71)**

**Speaker**  
Koshiro Yoda

**15:00-15:05** **HGCROC readout chip for FoCal E-pad detector in ALICE (poster-ID69)**

**Speaker**  
Mr Taichi Inukai

**15:05-15:10** **The SiPM-on-tile system of the CMS HGCAL (poster-ID65)**

**Speaker**  
Antoine Laudrain

**15:10-15:15**

**Recent upgrades to the calibration system of the CMS HCAL (poster-ID64)**

**Speaker**  
Steffie Ann Thayil

**15:15-15:20**

**Performance of hadronic shower measurement with LHCf and ATLAS ZDC detectors (poster-ID61)**

**Speaker**  
Haruka Kobayashi

**15:20-15:25**

**Upgrade of the CMS Barrel Electromagnetic Calorimeter for LHC Phase 2 (poster-ID57)**

**Speaker**  
Francesco Orlandi

**15:25-15:30**

**Performance studies of a SiPM-readout system with a pico-second timing chip (poster-ID50)**

**Speaker**  
Xin Xia

**15:30-15:35**

**Review of energy reconstruction algorithms in the CMS Hadron Calorimeter (poster-ID43)**

**Speaker**  
Hui Wang

**15:35-15:40**

**Use of time information in the High Granularity Calorimeter at the CMS experiment (poster-ID41)**

**Speaker**

Aurora Perego

15:40-15:45

**Study of residual artificial neural network for particle identification in the CEPC AHCAL prototype (poster-ID37)****Speaker**

Mr Siyuan Song

15:45-15:50

**Pattern recognition at CEPC HCAL prototype using test beam data at CERN (poster-ID36)****Speaker**

Xin Xia

15:50-15:55

**Anomaly detection based on machine learning for the CMS electromagnetic calorimeter online data quality monitoring (poster-ID30)****Speaker**

Manfred Paulini

15:55-16:00

**The optical properties of Glass Scintillator and BGO for HCAL of CEPC (poster-ID19)****Speaker**

Dr Zexuan Sui

16:00-16:05

**A Prototype of Lead Tungstate Electromagnetic Calorimeter Built in AANL for EIC Collider (poster-ID17)****Speaker**

Hamlet Mkrtchyan

16:10