

Speakers' Bureau Report

W. Ootani

on behalf of the Speakers' Bureau

CALICE Collaboration Meeting, Sep. 28th, 2023

CALICE Speakers' Bureau

•Members

- Jerry Blazey (NIU)
- Vincent Boudry (LLR)
- Frank Simon (KIT): ex-officio as IB Chair
- Roman Pöschl (IJCLab): ex-officio as Spokesperson
- Wataru Ootani (UTokyo): Chair

Very much appreciate great job by former chair, François!

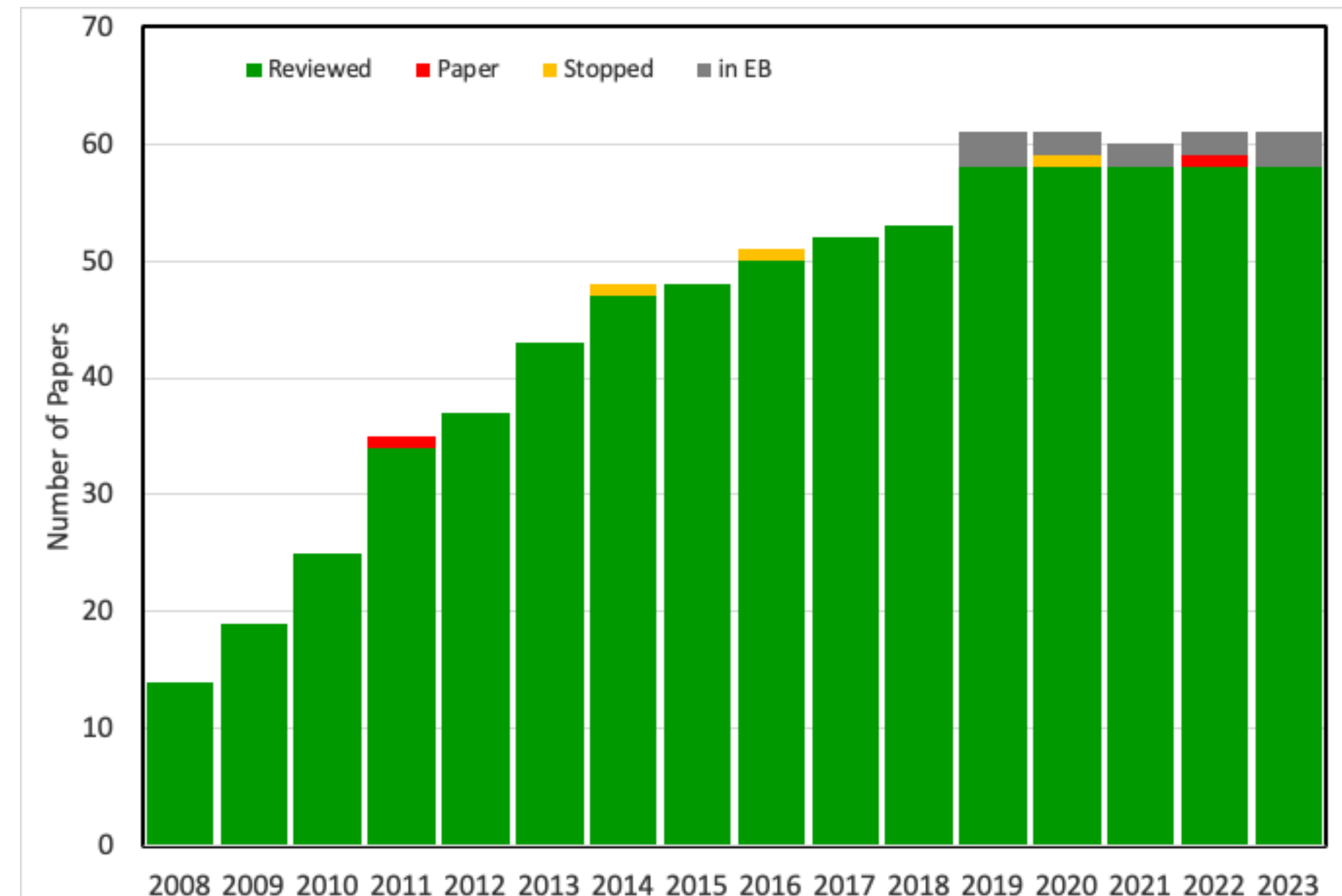
•Missions

- Publications (analysis note, paper)
 - Conference talks
 - Analysis meetings
- In spite of CALICE moving to new phase with DRD, the publication using the CALICE data will continue for a while.

Analysis Notes

<https://twiki.cern.ch/twiki/bin/view/CALICE/EditorialBoards>

- Strongly encouraged to write down analysis notes on analysis works with CALICE data → incentive for paper publication
- 58 analysis notes available
 - 3 on-hold/stopped
 - 1 in collaboration review (#63)
 - 1 in EB (#61)
 - 1 from EB to collaboration review (#66)



François

Analysis Note #66

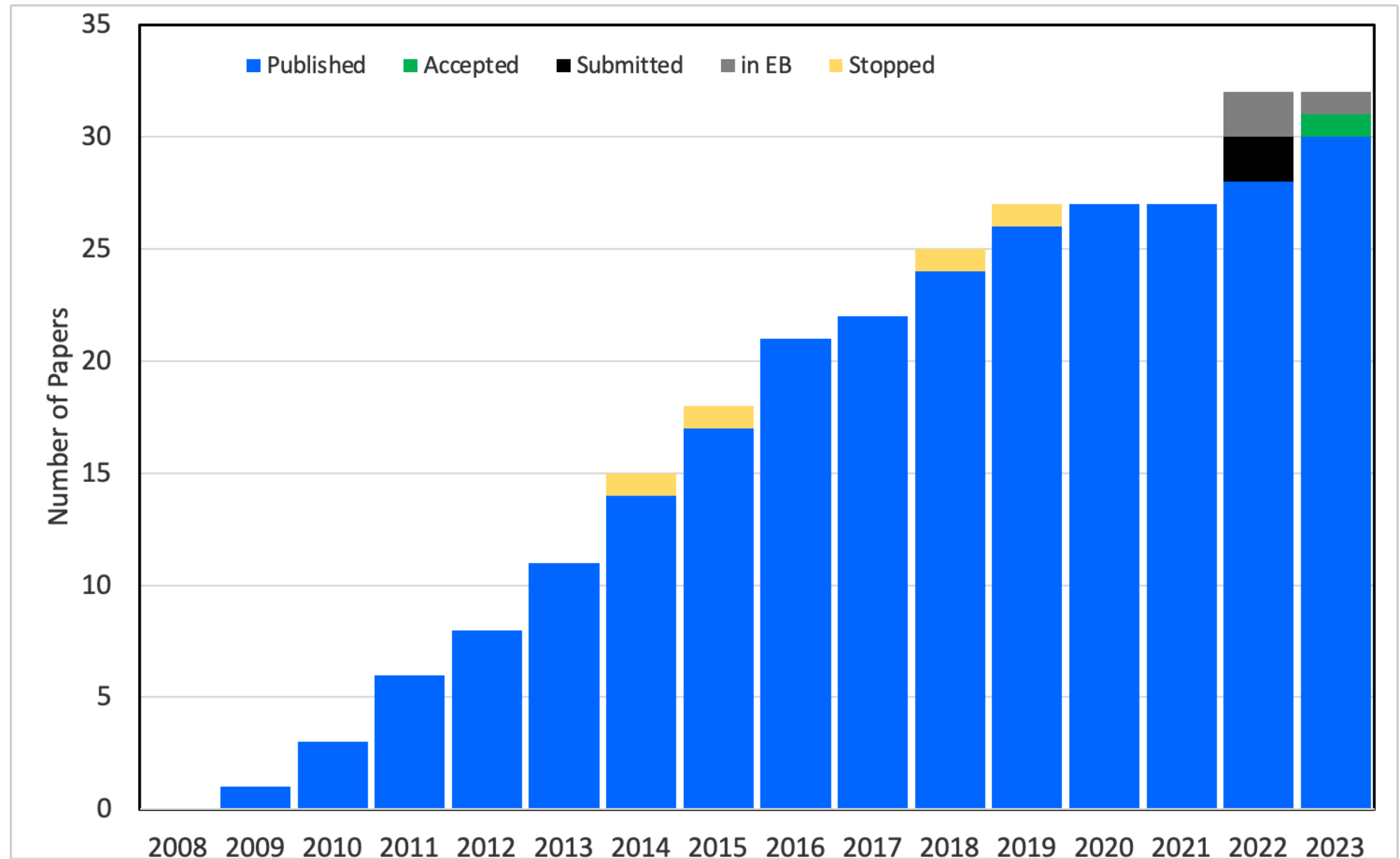
- Jack Rolph, “Software Compensation for Highly Granular Calorimeters using Machine Learning”
 - Completed review in EB
 - To be circulated in the collaboration
 - to be tagged as CALICE-CAN-2023-001
 - Shortened version as a paper draft to be submitted to JINST was also reviewed in EB
 - To be circulated in the collaboration
 - Set up opt-in author list
 - to be tagged as CALICE-PUB-2023-001
 - Jack is leaving the institute after PhD defence this month

Papers

<https://twiki.cern.ch/twiki/bin/view/CALICE/EditorialBoards>

•Papers

- 30 published
- 4 on-hold/stopped
- 1 accepted
- 1 in EB



François

Recent Papers

- [Paper033](#) → [CALICE-PUB-2022-003](#)

- “Design, Construction and Commissioning of a Technological Prototype of a Highly Granular SiPM-on-tile Scintillator-Steel Hadronic Calorimeter”
- [arXiv: 2209.15327](#), accepted by JINST (missing author list)

- [Paper034](#) → [CALICE-PUB-2022-002](#)

- “Description and stability of a RPC-based calorimeter in electromagnetic and hadronic shower environments”
- [arXiv: 2207.06291](#), published by JINST ([2023 JINST 18 P03035](#))

- [Paper035](#)

- “Performance of the CMS High Granularity Calorimeter prototype to charged pion beams of 20–300 GeV/c.”
- [arXiv: 2211.04740](#), published by JINST ([2023 JINST 18 P08014](#))

- [Paper036](#)

- “Analysis of the incident angle effect in the energy reconstruction of hadrons with the SDHCAL technological prototype”
- Currently in EB

Theses

<https://twiki.cern.ch/twiki/bin/view/CALICE/CaliceTheses>

•CALICE-related thesis

- Not regarded as official CALICE results, but
- Can provide lots of useful information

•No feedback at all from any institute this year

Ph.D. Theses

- [Phi Chau](#) Optimisierung von hochauflösenden Sampling-Kalorimetern mit szintillatorbasierter **SIPM**-Auslese (Mainz U.; 2022)
- [Daniel Heuchel](#) Particle Flow Studies with Highly Granular Calorimeter Data (Heidelberg U.; 2022)
- [Shubham Pandey](#) Performance of High Granularity Calorimeter prototypes for the CMS HL-LHC upgrade in beam test experiments at CERN (IISER, Pune; 2022)
- [Olin Lyod Pinto](#) Shower Shapes in a Highly Granular **SIPM**-on-Tile Analog Hadron Calorimeter (Hamburg U.; 2022)
- [Amine Elkhali](#) Analog Hadronic Calorimeter for a Future Linear Collider (Wuppertal U.; 2020)
- [Yuan Zhenxiong](#) A Low-Power Silicon-Photomultiplier Readout ASIC for the CALICE Analog Hadronic Calorimeter (Kirchhoff Inst. Phys.; 2020)
- [Christian Graf](#) Towards Precision Time and Energy Measurements in Highly Granular Hadronic Calorimeters (Munich, Tech. U.; 2020)
- [Sascha Christian Krause](#) Studies of the Response of Silicon Photomultipliers and Testbeam Data Analysis of a Highly Granular Analog Hadron Calorimeter Prototype (Mainz U.; 2020)
- [Bing Liu](#) Study of semi-digital hadronic calorimeter and study of physics channel $e^+e^- \rightarrow \nu_e \bar{\nu}_e H(H \rightarrow W+W \rightarrow qqqq)$ in the Circular Electron Positron Collider of $\sqrt{s} = 240\text{GeV}$ (Lyon, IPN; 2020)

Conferences in 2023

<https://twiki.cern.ch/twiki/bin/view/CALICE/CaliceConferenceTalks>

2023

- [CPAD 2023](#) (SLAC, US, November 7-10, 2023) Abstract submission deadline: September 30, 2023
- [3rd International Conference on Detector Stability and Aging Phenomena in Gaseous Detectors](#) (CERN, Geneva, Switzerland, November 6-10, 2023)
- [IEEE NSS MIC RSTD 2023](#) (Vancouver, Canada, November 4-11, 2023)
- [CEPC Workshop 2023](#) (Nanjing, China, October 23-27, 2023) Abstract submission deadline: September 16, 2023
- [2nd ECFA Workshop on e+e- Higgs/EW/Top Factories](#) (Paestum, Italy, October 11-13, 2023) Abstract submission deadline: September 15, 2023
- [PIC 2023](#) (Arica, Chile, October 10-13, 2023) Abstract submission deadline: September 25, 2023
- [TWEPP 2023](#) (Sardinia, Italy, October 2-6, 2023) Abstract submission deadline: April 30, 2023.
- [IPRD 2023](#) (Siena, Italy, September 25-29, 2023) Abstract submission deadline: June 1, 2023.
- [TIPP 2023](#) (Cape Town, South Africa, September 4-8, 2023) Abstract submission deadline: April 15, 2023.
- [PSD 2023](#) (Oxford, England, September 3-8, 2023) Abstract submission deadline: June 1, 2023.
- [Low-x 2023](#) (Leros, Greece, September 3-8, 2023)
- [QM 2023](#) (Houston, USA, September 3-9, 2023) Abstract submission deadline: May 1, 2023.
- [EPS 2023](#) (DESY, Germany, August 21-25, 2023) Abstract submission deadline: June 2, 2023.
- [LP 2023](#) (Melbourne, Australia, July 17-21, 2023) Abstract submission deadline: March 18, 2023.
- [CEPC Workshop 2023: EU Edition](#) (Edinburgh, United Kingdom, July 3-6, 2023)
- [FCC Week 2023](#) (London, England, June 5-9, 2023) Abstract submission deadline: June 3, 2023.
- [FAST 2023](#) (Elba, Italy, May 28 - June 1, 2023) Abstract submission deadline: May 14, 2023.
- [LHCP 2023](#) (Belgrade, Serbia, May 22-26, 2023) Poster abstract submission deadline: March 20, 2023.
- [LCWS 2023](#) (SLAC, USA, May 15-19, 2023) Abstract submission deadline: March 15, 2023.
- [CHEP 2023](#) (Norfolk, England, May 8-12, 2023) Abstract submission deadline: November 28, 2022.
- [BTTB 2023](#) (DESY, Germany, April 17-21, 2023) Abstract submission deadline: March 12, 2023.
- [TREDI 2023](#) (Trendi, Italy, February 28 - March 2, 2023) Abstract submission deadline: January 30, 2023.
- [HEP 2023](#) (Valparaiso, Chile, January 1-13, 2023) Abstract submission deadline: December 14, 2022.

- CALICE invited to CEPC Workshop (EU Edition) → arranged three talks
- Identify CALICE talks in conferences to be listed in wiki page

Conferences in 2024

<https://twiki.cern.ch/twiki/bin/view/CALICE/CaliceConferenceTalks>

2024

- [ICHEP 2024](#) (Prague, Czechia, July 17-24, 2024)
- [Pisa Meeting 2024](#) (Isola d'Elba, Italy, May 26 - June 1, 2024)
- CALOR 2024 (Tsukuba, Japan, May 20-24, 2024)

Be prepared for conferences in 2024!

Summary

- Publications with CALICE data will continue for a while in spite of the new phase of CALICE with DRD
- Crucial to share your precious results with outside world
- We would appreciate your contributions
 - write down analysis notes and papers
 - present your results at conferences
 - contribute to analysis meetings