



---

# Document database (docdb) for CEPC

Manqi Ruan, Miao He

Jun. 25, 2024

# Docdb in Daya Bay and JUNO



## Document Database

[Instructions](#)  
[Your Account](#)  
[Preferences](#)  
[DocDB Statistics](#)  
[About DocDB](#)

[Create or change documents or other information](#)

Search for  (Advanced)

Show DYB-doc-#  -v

Show documents modified in the last  days

[Calendar of events](#)

List:  
 ◇ [Authors](#) ◇ [All documents](#)  
 ◇ [Topics](#)  
 ◇ [Events](#)

Limit to:

### Documents modified in the last 20 days

DYB-doc-#	Title	Author(s)	Last Updated
<a href="#">12999-v1</a>	<a href="#">[Neutrino 2024] Status of theta13 measurements</a>	<a href="#">Zeyuan Yu</a>	11 Jun 2024
<a href="#">12974-v5</a>	<a href="#">Neutrino 2024 poster for "Daya Bay oscillation results with neutron capture by hydrogen"</a>	<a href="#">Zhiyuan Chen</a>	11 Jun 2024
<a href="#">12971-v7</a>	<a href="#">[Neutrino 2024 Poster] First measurement of the yield of 8He isotopes produced in liquid scintillator by cosmic-ray muons at Daya Bay</a>	<a href="#">Chengzhuo Yuan</a>	09 Jun 2024
<a href="#">12998-v1</a>	<a href="#">[Paper] Precision Measurement of Reactor Antineutrino Flux and Spectrum at Daya Bay</a>	<a href="#">Fengpeng An et al.</a>	09 Jun 2024
<a href="#">12970-v6</a>	<a href="#">[Neutrino 2024 Poster] Reactor neutrino flux and spectrum measurements with Daya Bay full data set</a>	<a href="#">Yan Zhang et al.</a>	09 Jun 2024
<a href="#">12994-v4</a>	<a href="#">Neutrino2024-poster: Neutron Capture Cross Section Measurement on Carbon via Inverse Beta Decay in Daya Bay Reactor Antineutrino Experiment</a>	<a href="#">Yuchin Cheng et al.</a>	07 Jun 2024
<a href="#">12995-v1</a>	<a href="#">[Neutrino2024 Poster] Seasonal Variation of Muon Rates Using Full Dataset in Daya Bay Reactor Neutrino Experiment</a>	<a href="#">Bangzheng Ma</a>	06 Jun 2024

Daya Bay docdb: 12999 documents (2006-)

## Document Database

[\[ DocDB Home \]](#) [\[ New \]](#) [\[ Search \]](#) [\[ Last 20 Days \]](#) [\[ List Authors \]](#) [\[ List Topics \]](#) [\[ List Events \]](#) [\[ Help \]](#) [\[ Logout hem@ihep.ac.cn \]](#)

[Instructions](#)  
[Your Account](#)  
[Preferences](#)  
[Limit Groups](#)  
[DocDB Statistics](#)  
[About DocDB](#)

[Create or change documents or other information](#)

Search for  (Advanced)

Show JUNO-doc-#  -v

Show documents modified in the last  days

[Calendar of events or today's events](#)

List:  
 ◇ [Authors](#)  
 ◇ [Topics](#)  
 ◇ [Events](#)

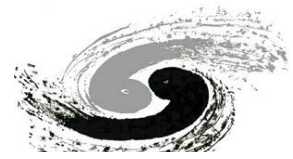
### Last 50 documents modified

JUNO-doc-#	Title	Author(s)	Topic(s)	Last Updated
11817-v2	[Neutrino 2024 Poster] Comprehensive SiPM mass testing for the JUNO-TAO experiment	Hanwen Wang	SiPM	12 Jun 2024
11690-v3	precise detector of JUNO-TAO experiment	Zhimin Wang	TAO	12 Jun 2024
6943-v13	Chemical material logbook on site and MSDS	Lijun Sun	Safety	12 Jun 2024
11502-v6	[Neutrino 2024 Poster] JUNO reactor IBD selection and background	Fei Xiao	Reactor neutrino	12 Jun 2024
11873-v1	Neutron Source-Based Energy Reconstruction (with LPMTs & SPMTs)	Akira Takenaka	Reconstruction	12 Jun 2024
11721-v1	Technical Note: Machine learning-based particle identification on reactor neutrino	Hongyue Duyang et al.	Reconstruction	11 Jun 2024
11872-v1	Optimization of reconstruction algorithm for reactor neutrino and work on the WP	Thomas Raymond	Reconstruction	11 Jun 2024
10967-v1	Deep Learning-Based C14 Pile-Up Identification in the JUNO Experiment	Wenxing Fang	Reconstruction	11 Jun 2024
11871-v1	First thoughts on the blinding strategy for JUNO	Steven Calvez et al.	Reactor neutrino Physics	11 Jun 2024
11870-v1	Sensitivity Studies: Impact of PID and World Reactor Flux Oscillation	Arran Freegard	Reactor neutrino	11 Jun 2024

JUNO docdb: 11873 documents (2012-)

2-3 documents per day

# What docdb is used for



- Archive documents with indices and versions
  - Presentations at internal or public conferences
  - Analysis technical notes
  - Paper drafts and internal review notes
- Arrange collaboration meetings and all subsystem meetings (similar to indico)

11817-v2	[Neutrino 2024 Poster] Comprehensive SiPM mass testing for the JUNO-TAO experiment
11690-v3	precise detector of JUNO-TAO experiment
6943-v13	Chemical material logbook on site and MSDS
11502-v6	[Neutrino 2024 Poster] JUNO reactor IBD selection and background
11873-v1	Neutron Source-Based Energy Reconstruction (with LPMTs)

Simple document list  
(25 extra documents)

<b>Session info:</b> Zoom link: <a href="https://zoom.us/j/91386946992?pwd=RTF1OTBTSBFCQVR1UlpqRXd1WVs5UT09">https://zoom.us/j/91386946992?pwd=RTF1OTBTSBFCQVR1UlpqRXd1WVs5UT09</a> Meeting ID: 91386946992 Password: 725139					
<b>Date &amp; Time:</b> 22 Feb 2024 at 08:30					
<b>Location:</b> ICC(International Conference Center, 3rd floor)					
<b>Event:</b> 23rd collaboration meeting					
<b>Event Dates:</b> 22 Feb 2024 to 27 Feb 2024					
<b>Event Location:</b> Kaiping					
<b>Event Topic(s):</b> Reactor neutrino					
<b>Event Moderator(s):</b> Jun Cao Yifang Wang Jianhua Wu					

Start	Title	Author(s)	Topic(s)	File(s)	Length	Edit
08:30	JUNO Status Report	Yifang Wang	Project	1_JUNO-Progre...pptx	00:20	Edit
08:50	IB agenda and JUNO awards (Kaiping, Feb. 2024)	Marcos Dracos	General	Institutional...pptx Juno Award - Landini	00:55	Edit
09:45	Installation overview report - JUNO 23rd collaboration meeting	Yuekun Heng et al.	General Integration and Installation	Installation O...pdf	00:30	Edit
10:15	Break (photo)	None	None	None	00:30	Edit
10:45	Summary report of sim-afg	Guofu Cao	Software and simulation	Summary report...pdf	00:15	Edit
11:00	Summary report of Reco AFG	Hongyue Duyang et al.	Reconstruction	recoafg_summar...pdf	00:15	Edit
11:15	Summary report of AFG Calibration	Davide Basilico et al.	Calibration	AFG_Calib_Summ...pdf	00:15	Edit
11:30	Summary report of Data Production AFG	Zhengyun You	Data Production	DataProduction.pdf	00:15	Edit
11:45	Overview of Online Event Classification	Maxim Gonchar et al.	OEC	2024-02-22-OEC...pdf 2024-02-22-OE...pptx	00:15	Edit

# Searching for documents in docdb



Search for  (Advanced)

Show JUNO-doc-#

Show documents modified in the last  days

Calendar of events or today's events

List:

- ◇ Authors
- ◇ Topics
- ◇ Events

By time ↓

By author →

By topic ↘

Last 50 documents modified

JUNO-doc-#	Title	Author(s)	Topic(s)	Last Updated
11817-v2	[Neutrino 2024 Poster] Comprehensive SiPM mass testing for the JUNO-TAO experiment	Hanwen Wang	SiPM	12 Jun 2024
11690-v3	precise detector of JUNO-TAO experiment	Zhimin Wang	TAO	12 Jun 2024
6943-v13	Chemical material logbook on site and MSDS	Lijun Sun	Safety	12 Jun 2024
11502-v6	[Neutrino 2024 Poster] JUNO reactor IBD selection and background	Fei Xiao	Reactor neutrino	12 Jun 2024
11873-v1	Neutron Source-Based Energy Reconstruction (with LPMTs & SPMTs)	Akira Takenaka	Reconstruction	12 Jun 2024
11721-v1	Technical Note: Machine learning-based particle identification of atmospheric neutrinos in JUNO	Hongyue Duyang <i>et al.</i>	Reconstruction	11 Jun 2024
11872-v1	CD+TT muon reconstruction improvement and work on the WP	Thomas Raymond	Reconstruction	11 Jun 2024
10987-v1	Deep Learning-Based C14 Pile-Up Identification in the JUNO Experiment	Wenxing Fang	Reconstruction	11 Jun 2024
11871-v1	First thoughts on the blinding strategy for JUNO	Steven Calvez <i>et al.</i>	Reactor neutrino Physics	11 Jun 2024
11870-v1	Sensitivity Studies: Impact of PID and World Reactor Flux Oscillation	Arran Freegard	Reactor neutrino	11 Jun 2024
11869-v1	GenGIBUU interface updates	Mariam Rifai	Software and simulation	11 Jun 2024

## List of Authors

[ DocDB Home ] [ New ] [ Search ] [ Last 20 Days ] [ List Authors ] [ List Topics ] [ List Events ] [ Help ] [ Logout hem@ihep.ac.cn ]  
All Existing Authors (Add a new author)

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

- A**
  - Abusleme, Angel
  - Adey, David
  - Ahmad, Shakeel
  - An, Fengpeng
  - An, Guangpeng
  - An-An, Liang
  - Andrey, Sodovski
  - Andronico, Giuseppe
  - Anphimov, Nikolai
  - Antonelli, Vito
  - Antoshkina, Tatiana
  - Asavapibhop, Burin
  - Athayde Marcondes de Andre, Joao Pedro
- I**
  - Imbert, Léonard
  - Ioannisyian, Ara
  - Isocrates, Roberto
- J**
  - Jacobi, Adrienne
  - Jafar, Arshak
  - Jelmini, Beatrice
  - Jen, Kuo-Lun
  - Jeria, Ignacio
  - Jetter, Soeren
  - Ji, Xiangpan
  - Ji, Xiaolu
  - Ji, Xingzhao
  - jia, huihui
- P**
  - Pang, Jie
  - Paoloni, Alessandro
  - Parkalian, Nina
  - Parker, George
  - Patsias, Achilleas
  - Payupol, Teerapat
  - Pec, Viktor
  - Pedretti, Davide
  - Pei, Yatian
  - Pellicci, Luca
  - Pelliccia, Nicomede
  - Peng, Haiping
  - Peng, Yang
  - Peng, Yu
  - Peng, Zhang
- X**
  - Xi, Yufei
  - Xia, Dongmei
  - Xia, Jingkai
  - Xia, Mingshan
  - Xian, Shishen
  - Xiang, Ziqian
  - Xiao, Fang
  - Xiao, Fei
  - Xiao, Mengjiao
  - Xie, Junqi
  - Xie, Pengpei
  - Xie, Wan
  - Xie, Xiaochuan
  - Xie, Yuguang
  - Xie, Zhangquan

## List of Topics

[ DocDB Home ] [ New ] [ Search ] [ Last 20 Days ] [ List Authors ] [ List Topics ] [ List Events ] [ Help ] [ Logout hem@ihep.ac.cn ]

- Calibration**
  - ACU
  - AURORA
  - CCD
  - CLS
  - Deployment
  - General
  - Guide Tube
  - Integration
  - ROV
  - Simulation
  - Sources
  - USS
- Central Detector**
  - Acrylic Vessel
  - Assembly and Installation
  - Balloon
  - Chimney
- Data Production**
  - Data Quality Monitoring
  - General
  - Keep Up Production
  - Monte Carlo Production
  - Physics Production
- Distributed Computing Electronics and Trigger**
  - Cable
  - Chip
  - Frontend
  - General
  - HV
  - Installation
  - Readout electronic
  - Simulation
  - Timing System
  - Trigger
- Low Background Task**
  - Central Detector
  - Electronics
  - General
  - Liquid Scintillator
  - Simulation
  - Veto
- OEC OSIRIS**
  - Calibration System
  - Electronic and DAQ
  - Installation
  - Liquid handling system
  - Mechanical structure
  - Muon Veto
  - PMTs
  - R&D
  - Simulation and Analysis
- Project**
  - Conference talk
  - General
  - Management
  - Outreach
  - Publication
  - Safety
  - Thesis
- R&D**
  - General
- Software and simulation**
  - Core software
  - General
  - Monte Carlo software
  - Reconstruction
  - Simulation
- TAO**

# CEPC docdb



- <http://cepcdoc.ihep.ac.cn/cgi-bin/DocDB/DocumentDatabase>
  - Created by Shuopin Wen (文硕频) in 2014
  - 253 documents in total
- Different accounts correspond to different permissions

**CEPC Document 253-v1**  
[ DocDB Home ] [ New ] [ Search ] [ Last 20 Days ] [ List Authors ] [ List Topics ] [ List Events ] [ Help ]

**CEPC. VTX. Optim**

**Document #:** CEPC DocDB-doc-253-v1  
**Document type:** [Group Notes](#)  
**Submitted by:** [Hao ZENG](#)  
**Updated by:** [Hao ZENG](#)  
**Document Created:** 23 May 2024, 10:45  
**Contents Revised:** 23 May 2024, 10:45  
**DB Info Revised:** 23 May 2024, 10:45

**Abstract:** Optimization of CEPC VTX using Fast sim

**Files in Document:**

- [CEPC\\_vertex\\_optimization\\_note\\_0.2.pdf](#) (5.2 MB)

**Topics:**

- [Detector Design:VTX](#)

**Authors:**

- [Hao ZENG](#)

**Viewable by:**

- [cepc](#)

**Modifiable by:**

- [cepc](#)

**Update Document**  
**Update DB Info**  
**Add Files**

**Security:**

- Public
- DocDBAdm
- cepc**

**CEPC Document 250-v2**  
[ DocDB Home ] [ Search ] [ Last 20 Days ] [ List Authors ] [ List Topics ] [ List Events ] [ Help ]

**Probing bino NLSP at lepton colliders**

**Document #:** CEPC DocDB-doc-250-v2  
**Document type:** [To be Reviewed](#)  
**Submitted by:** [YongFeng Zhu](#)  
**Updated by:** [YongFeng Zhu](#)  
**Document Created:** 16 Feb 2021, 13:54  
**Contents Revised:** 16 Feb 2021, 14:03  
**DB Info Revised:** 16 Feb 2021, 14:03

**Abstract:** We consider a scenario where light bino is the next-to-lightest supersymmetric particle (NLSP) and gravitino/axino is the lightest supersymmetric particle (LSP).

**Files in Document:**

- [Probing bino NLSP at lepton colliders.pdf](#) (1.3 MB)

**Topics:**

- [Physic Analysis:Physics at CEPC:SM Physics: Z, WW, ISR,rr\\*](#)

**Viewable by:**

- Public document

**Modifiable by:**

- [cepc](#)

**Other Versions:**

- [CEPC DocDB-doc-250-v1](#) 16 Feb 2021, 13:54

**Username:**   
**Password:**   
**Watch Document**