

**2024 高能物理计算暑期学校
IHEP School of Computing
2024**

Report of Contributions

Contribution ID: 1

Type: **not specified**

注册 reception

Wednesday, 21 August 2024 08:30 (3h 30m)

Contribution ID: 2

Type: **not specified**

开幕仪式 Opening and welcome speech

Wednesday, 21 August 2024 14:00 (10 minutes)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 3

Type: **not specified**

高能物理计算概述 Overview of high energy physics computing

Wednesday, 21 August 2024 14:10 (40 minutes)

Presenter: CHENG, Yaodong (IHEP)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 4

Type: **not specified**

粒子物理实验数据处理 Particle Physics Experimental Data Processing

Wednesday, 21 August 2024 15:30 (40 minutes)

Presenter: DENG, Ziyang (高能所)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 5

Type: **not specified**

天文实验数据处理 Astronomical experiment data processing

Wednesday, 21 August 2024 16:30 (40 minutes)

Presenter: LI, Xiaobo (IHEP)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 6

Type: **not specified**

LHAASO 数据处理 LHAASO data processing

Wednesday, 21 August 2024 14:50 (40 minutes)

Presenter: ZHA, Min (高能所)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 7

Type: **not specified**

光源实验数据处理及软件框架 Introduction to Light Source Experimental Data Processing and Software Framework

Wednesday, 21 August 2024 17:10 (40 minutes)

Presenter: 胡, 誉 (高能所)

Session Classification: 高能物理领域数据处理 Data processing in the field of high energy physics

Contribution ID: 8

Type: **not specified**

AI 生成内容和智能体的原理、应用 Principles, applications of AI-generated content and intelligences

Thursday, 22 August 2024 08:30 (40 minutes)

Presenter: ZHANG, Yiyu

Session Classification: 高能物理 AI 技术 AI technology for high energy physics

Contribution ID: 9

Type: **not specified**

机器学习在高能物理中的应用 Machine Learning in High Energy Physics

Thursday, 22 August 2024 09:10 (40 minutes)

Presenter: LI, Gang (高能所)

Session Classification: 高能物理 AI 技术 AI technology for high energy physics

Contribution ID: 10

Type: **not specified**

国产化异构编程培训 Heterogeneous Computing Practice with Domestic Accelerator Cards

Thursday, 22 August 2024 09:50 (40 minutes)

赵源曙光公司

Session Classification: 高能物理 AI 技术 AI technology for high energy physics

Contribution ID: 11

Type: **not specified**

GPU 高性能编程 CUDA 入门 Introduction of GPU High Performance Programming CUDA

Thursday, 22 August 2024 10:50 (40 minutes)

Presenter: 王, 磊

Session Classification: 高能物理 AI 技术 AI technology for high energy physics

Contribution ID: 12

Type: **not specified**

并行计算与量子计算入门 Introduction to Parallel and Quantum Computing

Thursday, 22 August 2024 11:30 (40 minutes)

Presenter: SUN, Wei (Institute of High Energy Physics, CAS)

Session Classification: 高能物理 AI 技术 AI technology for high energy physics

Contribution ID: 13

Type: **not specified**

高通量高性能计算技术 High-throughput high-performance computing technology

Thursday, 22 August 2024 14:00 (40 minutes)

Presenter: SHI, Jingyan (IHEP)

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 14

Type: **not specified**

EB 级数据存储技术 EB-level data storage technology

Thursday, 22 August 2024 14:40 (40 minutes)

Presenter: LI, Haibo (高能所)

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 15

Type: **not specified**

面向先进光源的数据管理技术 Data management technology for advanced light sources

Thursday, 22 August 2024 15:20 (40 minutes)

Presenter: 胡, 皓 (高能所)

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 16

Type: **not specified**

高能物理网络互联技术 High Energy Physics Network Interconnection Technology

Thursday, 22 August 2024 16:20 (40 minutes)

Presenter: 崔涛, Tao (高能所)

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 17

Type: **not specified**

高能物理网络安全技术 High Energy Physics Cybersecurity Technology

Thursday, 22 August 2024 17:00 (40 minutes)

Presenter: 王佳荣, UNKNOWN

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 18

Type: **not specified**

高能物理智能运维技术 Intelligent Operation and Maintenance Technology for High Energy Physics

Thursday, 22 August 2024 17:40 (40 minutes)

Presenter: ZHENG, Wei (IHEP)

Session Classification: 高能物理计算技术 Computing techniques in high energy physics

Contribution ID: 19

Type: **not specified**

Linux 实操 Linux Hands-on

Friday, 23 August 2024 08:30 (1 hour)

Presenter: BI, Yujiang (IHEP)

Session Classification: 高能物理计算平台 High Energy Physics Computing Platform

Contribution ID: 20

Type: **not specified**

ROOT 入门 Getting Started with ROOT

Friday, 23 August 2024 09:30 (1 hour)

Presenter: ZHANG, Xuantong (IHEP)

Session Classification: 高能物理计算平台 High Energy Physics Computing Platform

Contribution ID: 21

Type: **not specified**

高能所计算平台使用 Training of IHEP computing platform

Friday, 23 August 2024 10:50 (1 hour)

Presenter: 郭, 超奇 (高能所)

Session Classification: 高能物理计算平台 High Energy Physics Computing Platform

Contribution ID: 22

Type: **not specified**

CUDA 实操 CUDA Hands-on

Friday, 23 August 2024 14:00 (20 minutes)

Presenter: 王, 磊

Session Classification: 上机实践 Hands-on

Contribution ID: 23

Type: **not specified**

AI 开发实践 (API 及提示工程) | Development Practices (API and Hint Engineering)

Friday, 23 August 2024 14:20 (40 minutes)

Presenter: XIONG, DONGBO (IHEP)

Session Classification: 上机实践 Hands-on

Contribution ID: 24

Type: **not specified**

考试 Exams

Friday, 23 August 2024 15:20 (40 minutes)

Session Classification: 考试及证书颁发 Examination and Certification

Contribution ID: 25

Type: **not specified**

证书颁发 Award of certificates

Friday, 23 August 2024 16:00 (20 minutes)

Session Classification: 考试及证书颁发 Examination and Certification

Contribution ID: 26

Type: **not specified**

闭幕式 Closing ceremony

Friday, 23 August 2024 16:20 (10 minutes)

Session Classification: 考试及证书颁发 Examination and Certification