Session Program

Nov 17 – 21, 2024

The 6th International Workshop on Future Tau Charm Facilities, 2024 (FTCF2024-Guangzhou)

Detector

Tue, November 19

9:00 AM

Detector: 1

Session | **Convener:** Qian Liu

9:00 – 9:25 AM **PANDA detector overview**

Speaker
Anastasios Belias

9:25 – 9:50 AM **BESIII CGEM**

Speaker
Gianluigi Cibinetto

9:50 – 10:10 AM **STCF MPGD inner tracker R&D progress**

Speaker
jing tian

10:10 – 10:30 AM **STCF MAPS inner tracker R&D progress**

Speaker
Ruiyang (睿洋) Zhang (张)

10:30 AM

10:50 AM

Detector

Session | **Convener:** Evgeniy Kravchenko

10:50 – 11:15 AM **STCF pCsI ECAL R&D Progress**

Speaker
Yong Song

11:15 – 11:40 AM **Status of CsI(pure) and APD R&D**

Speaker
Denis Epifanov

11:40 AM – 12:05 PM
Performance of the new PANDA Forward-Endcap PbWOII-EMC measuring neutral pions produced by the COSY beam

Speaker
Meike Kuessner

12:10 PM

2:00 PM

Detector: 3

Session | **Convener:** Gianluigi Cibinetto

2:00 – 2:20 PM
Design of the OBELIX Monolithic CMOS Pixel Sensor for an Upgrade of the Belle II Vertex Detector

Speaker
Roua Boudagga

2:20 – 2:45 PM

The ALICE Inner Tracking System 3 (ITS3): a vertex detector based on wafer-scale, bent Monolithic Active Pixel Sensors,

Speaker
Francesca Carnesecchi

2:45 – 3:05 PM **The Cylindrical Resistive WELL**

Speaker
Gianfranco Morello

3:05 – 3:30 PM **The Cylindrical Drift Chamber of the MEG II Experiment**

Speaker
Marco Chiappini

3:35 PM

3:55 PM

Detector

Session | **Convener:** Alexander Barnyakov

3:55 – 4:20 PM **PID at ePIC/EIC**

Speaker
Chandradoy Chatterjee

4:20 – 4:45 PM **The PANDA DIRC detectors**

Speaker
Georg Schepers

4:45 – 5:10 PM **TORCH upgrade at LHCb**

Speaker
Marion Lehuraux

5:10 – 5:35 PM

Design of Analogue Transient Recorder and Digitiser for Particle Detector Readout - ATR16 and CTR16

Speaker
Holger Flemming

5:35 PM

Wed, November 20

9:00 AM

Detector: 5

Session | **Convener:** Lei Zhao

9:00 – 9:20 AM **STCF barrele PID detector R&D progress**

Speaker
Wenqian (文谦) Huang (黄)

9:20 – 9:40 AM **STCF endcap PID detector R&D Progress**

Speaker
Xuesen (雪森) Lin (林)

9:40 – 10:00 AM **Research progress on long lifetime MCP-PMT**

Speaker
Ping Chen

10:00 – 10:20 AM **Development of TDC ASIC for the STCF endcap PID detector**

Speaker
Xinchi (新驰) Xu (徐)

10:20 AM

10:40 AM

Detector: 6

Session | **Convener:** Jianbei Liu

10:40 – 11:05 AM **FARICH construction optimization for the Super C-Tau factory**

Speaker
Alexander Barnyakov

11:05 – 11:30 AM
Option of aerogel threshold Cherenkov counters for the Super Tau-Charm facility

Speaker
Evgeniy Kravchenko

11:30 – 11:50 AM **STCF clock and data transmission system design and R&D**

Speaker
Jinhong Wang

11:50 AM – 12:10 PM **STCF main drift chamber R&D progress**

Speaker
Meng Han

12:10 PM

Thu, November 21

9:00 AM

Detector: 7

Session | **Convener:** Hai Chen

9:00 – 9:25 AM **STCF Muon detetor R&D Progress**

Speaker
坤 胡

9:25 – 9:45 AM **STCF Trigger design and R&D progress**

Speaker
Zhujun Fang

9:45 – 10:05 AM **STCF DAQ Design and R&D progress**

Speaker
Junfeng Yang

10:05 – 10:30 AM **Overview of the High-Level Trigger at Belle II**

Speaker
Seokhee Park

10:30 AM

10:50 AM

Detector: 8

Session | **Convener:** Anastasios Belias

10:50 – 11:10 AM

Conceptual design of the STCF detector superconducting solenoid magnet

Speaker
Mr Xiaotao (小涛) Zhang (张)

11:10 – 11:30 AM **STCF luminosity monitoring detector**

Speaker
Linghua (令华) Zhang (张)

11:30 – 11:50 AM **Simulation of beam background**

Speaker
Mingyi Liu

11:50 AM – 12:10 PM **Development of the aluminum stabilized superconductor**

Speaker
Zhao Yu

12:10 PM