

Session Program

May 15 - 19, 2023



International Workshop on Future Linear Colliders

Physics and Detectors: Track 3

Wed, May 17

8:30 AM

Physics and Detectors: Track 3

Session | **Location:** SLAC, 53/3-3004 - Havasu | **Conveners:**
Karsten Buesser, Frank Simon, Roman Poeschl, Marcel Vos, Dylan Rankin, Andrew White

8:30 - 8:50 AM **Smart pixels for single-silicon-layer tracking with ML**

Speaker
Jennet Dickinson

8:50 - 9:10 AM **Testbeam measurements with ALICE MAPS prototype**

Speaker
Mirella Vassilev

9:10 - 9:30 AM

POTENTIAL AND LIMITS OF MAPS FOR LARGE AREA SENSORS WITH NANOSECOND TIMING

Speaker
Alexandre Habib

9:30 - 9:50 AM

TPC Development for the ILD Detector at ILC (On behalf of the LCTPC Collaboration)

Speaker
Peter Kluit

10:00 AM

10:30 AM

Physics and Detectors: Track 3

Session | **Location:** SLAC, 53/3-3004 - Havasu | **Conveners:**
Frank Simon, Andrew White, Marcel Vos, Dylan Rankin, Roman Poeschl, Karsten Buesser

10:30 - 10:50 AM **Status of and plans for CLD detector (re-)optimization studies**

Speaker
Leonhard Reichenbach

10:50 - 11:10 AM **The International Large Detector (ILD): Status and Plans**

Speakers
Ties Behnke, Daniel Jeans

11:10 - 11:30 AM **ILD Detector Assembly Timelines - a Reminder**

Speaker
Dr Karsten Buesser

12:00 PM

3:30 PM

Physics and Detectors: Track 3

Session | **Location:** SLAC, 53/3-3004 - Havasu | **Conveners:**
Roman Poeschl, Marcel Vos, Dylan Rankin, Frank Simon, Andrew White, Karsten Buesser

3:30 - 3:50 PM **Report from Detector Magnet Workshop**

Speaker
Dr Karsten Buesser

3:50 - 4:10 PM

Conceptual plan of ILD solenoid magnet manufacture - Onsite winding

Speaker

Yasuhiro Makida

4:10 - 4:30 PM

The time to fund ILC-IDT WP16 is now!

Speaker

Brett Parker

4:45 PM

Thu, May 18

10:30 AM

Physics and Detectors: Track 3

Session | **Location:** SLAC, 53/3-3004 - Havasu | **Conveners:**
Andrew White, Karsten Buesser, Dylan Rankin, Roman Poeschl, Marcel Vos, Frank Simon

10:30 - 10:50 AM

Progress towards large ultra-granular Silicon-Tungsten electromagnetic calorimeters

Speaker
Roman Pöschl

10:50 - 11:10 AM

Commissioning and noise study of the ultra-thin chip-on-board PCB for the CALICE SiW-ECAL prototype

Speaker
Adrian Irles

11:10 - 11:30 AM

Gaseous RICH detector for future Higgs factory.

Speaker
Dr Jerry Vavra

12:00 PM

3:30 PM

Physics and Detectors: Track 3

Session | **Location:** SLAC, 53/3-3004 - Havasu | **Conveners:**
Andrew White, Marcel Vos, Dylan Rankin, Karsten Buesser, Roman Poeschl

3:30 - 3:50 PM

Highly Granular Calorimeters - Impact of different Higgs Factory Options

Speaker
Roman Poeschl

3:50 - 4:10 PM

Recent progress and future plans for ultra-high granularity CMOS ECAL

Speaker
Nigel Watson

4:10 - 4:30 PM

Dual Readout Calorimeter for Future Colliders

Speaker
Shuichi Kunori

4:30 - 4:50 PM

Double readout sandwich calorimeter

Speaker
Dr Tohru Takeshita

5:00 PM