# **Session Program**

10-14 Jun 2024

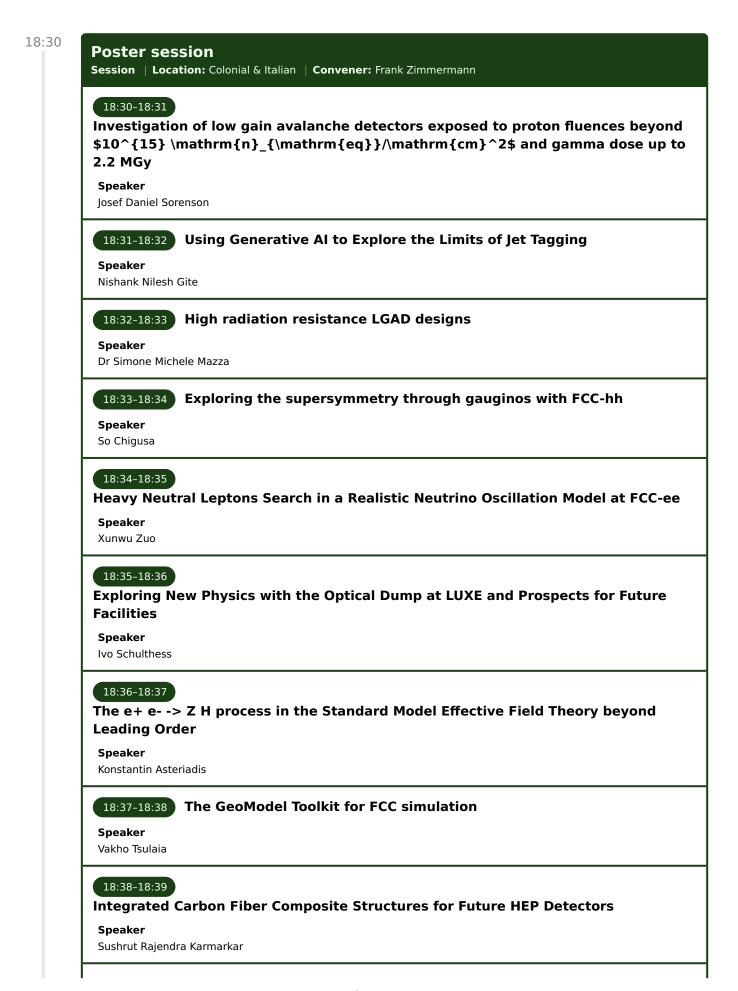


# FCC Week 2024

# **Poster session**

The Westin St. Francis San Francisco on Union Square 335 Powell St, San Francisco, CA 94102, United States

## Wednesday 12 June



| 18:40-18:41<br><b>Speaker</b><br>Juraj Smiesko  | FCCAnalyses cheatsheet  |
|---|---|
| 18:41-18:42<br>Speaker<br>Gregor Krzmanc  | End-to-end ML-based reconstruction  |
| 18:42-18:43<br><b>Speaker</b><br>Juan Miguel Carc   | Key4hep cheatsheet  |
| 18:43-18:44<br>Autoencoder<br>Time Varying<br>Speaker<br>Alan Williams  | Style Neural Networks for Estimation and Control with Unknown<br>Parameters                   |
| 18:44-18:45<br><b>Speaker</b><br>Mahmoud Ali  | Full simulation of IDEA muon system   |
| -   | k Trigger Case Study for FCC-hh: Enhancing the Measurement of Distion and Higgs Self-Coupling |
|   | Recent vegulte en duel vegdeut envetel EM gelevinetry   |
| 18:46-18:47<br><b>Speaker</b><br>Sara Nabili  | Recent results on dual readout crystal EM calorimetry   |
| Speaker<br>Sara Nabili<br>18:47-18:48<br>The air-cooli  | ng system for the IDEA Vertex Detecor at FCC-ee: thermal<br>and vibrational effects           |
| Speaker<br>Sara Nabili<br>18:47-18:48<br>The air-coolin<br>performance<br>Speaker<br>Dr Giorgio Baldin<br>18:48-18:49 | ng system for the IDEA Vertex Detecor at FCC-ee: thermal<br>and vibrational effects           |

#### 18:50-18:51

#### A next generation, integrated community toolset for the modeling of colliders

Speaker

Jean-Luc Vay

#### 18:51-18:52

**Operational Considerations for Laser Control of the FCC Bunch Intensity** 

#### Speaker

Spencer Gessner

#### 18:52-18:53

Enhancing positron sources for future colliders through conical converter targets

#### Speaker

Nicolas Vallis

#### 18:53-18:54 Diagnostics for the FCC-ee positron source test facility at PSI

#### Speaker

Nicolas Vallis

#### 18:54-18:55 Lepton injection and extraction system at FCCee

#### Speaker

Sen Yue

#### 18:55-18:56

Input signals for error mitigation by interaction point fast feedback systems for FCC-ee

#### Speaker

Mr John Patrick Salvesen

#### 18:56-18:57 Simulated Performance of FCC-ee IP Tuning Knobs

#### Speaker

Satya Sai Jagabathuni

#### 18:57-18:58 ALLEGRO detector concept for FCC-ee

Speaker

#### Jana Faltova

### 18:58-18:59 Luminosity tuning and optimization

#### Speaker

Vaibhavi Gawas

## 18:59-19:00 Optimization of FCC circumference for hh

Speaker

Heiko Damerau

## **19:00-19:01** The Development of Silicon Carbide Low Gain Avalanche Detector

## Speaker

Tao Yang

#### 19:01-19:02 FCC-relevant capabilities and compentencies available from ANL