

## **Session Program**

**10-12 Jun 2024**



## **Sustainable HEP 2024 — 3rd Edition**

### ***Parallel Session A***

Online

# Monday 10 June

15:55

## Parallel Session A: Computation

**Session** | **Location:** Online | **Conveners:** Juliette Alimena, Dr Hannah Wakeling

15:55–15:56 **session A recording (Monday part 1)**

15:56–16:11 **Sustainability of real time analysis at 5 TB/s data rate**

**Speaker**

Arantza De Oyanguren Campos

16:11–16:26

**Resource-aware Research on Universe and Matter: Call-to-Action in Digital Transformation**

**Speaker**

Ben Bruers

16:26

16:35

## Parallel Session A: Detectors in large-scale HEP experiments

**Session** | **Location:** Online | **Conveners:** Dr Hannah Wakeling, Juliette Alimena

16:35–16:36 **session A recording (Monday part 2)**

16:36–16:51 **Sustainability at Belle II**

**Speaker**

Thomas Kuhr

16:51–17:06

**"Green" use of fluorocarbons in Cherenkov detectors and detector cooling systems - challenges and opportunities.**

**Speaker**

Gregory Hallewell

17:06–17:21

**Green transition of Resistive Plate Chamber detectors for HEP applications**

**Speaker**

Luca Quaglia

17:21–17:36

**Eco-friendly gas mixtures for gaseous detectors at CERN and beyond**

**Speakers**

Aashaq Shah, Oleg Brandt

17:50

## Tuesday 11 June

15:50

### Parallel Session A: Accelerators

**Session** | **Location:** Online | **Convener:** Shreyasi Acharya

15:50–15:51 **session A recording (Tuesday)**

15:51–16:06 **Sustainability Strategy for the Cool Copper Collider**

**Speaker**

Dimitris Ntounis

16:06–16:21 **Innovate for Sustainable Accelerating Systems (iSAS)**

**Speaker**

Jorgen D'Hondt

16:21

16:30

### Parallel Session A: Accelerators

**Session** | **Location:** Online | **Convener:** Shreyasi Acharya

16:30–16:45 **Efforts to make CEPC a green machine**

**Speaker**

yuhui li

16:45–17:00 **Energy Efficient Cooling Infrastructure for CERN Accelerators**

**Speakers**

Diogo Monteiro, Nikolina Bunijevac

17:00–17:15

### Energy Recovery and Reuse Technology Studies for Large Green Accelerators

**Speaker**

Rui Ge

17:15