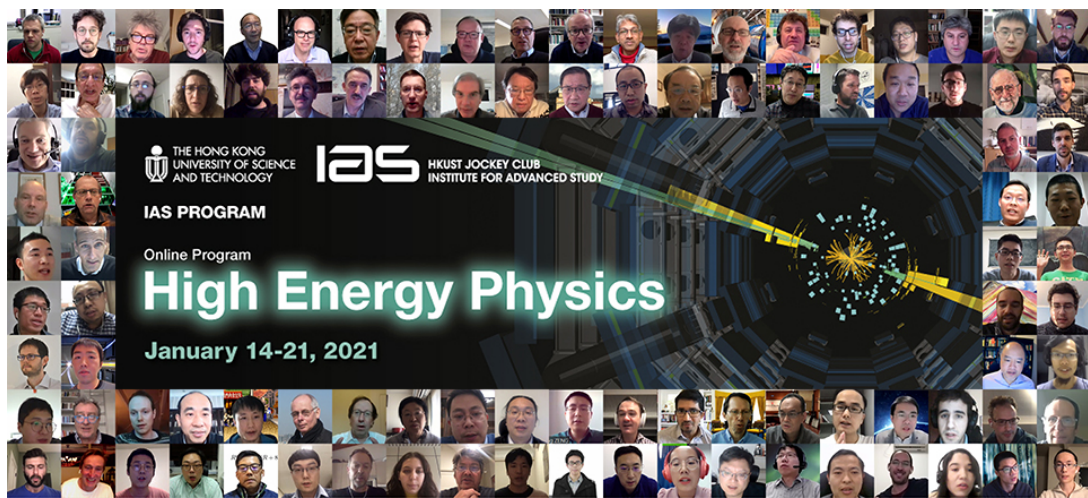


## Session Program

14-21 Jan 2021



## IAS Program on High Energy Physics (HEP 2021)

### ***Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at $e^+e^-$ Colliders***

Online via Zoom

# Thursday 14 January

13:00

## Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 1 - Session 1: Focus on Physics (MW-ED-D1-S1)

**Session** | **Location:** Online via Zoom | **Convener:** Joao GUIMARAES DA COSTA

### 13:00–13:05 Opening Remarks

#### Speaker

Joao GUIMARAES DA COSTA

### 13:05–13:45 #1: Overview/ Introduction Talk

#### Speaker

Mogens DAM

### 13:45–14:30 #2: Charm Physics

#### Speaker

Chunhui CHEN

14:30

14:40

## Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 1 - Session 2: Focus on Physics (MW-ED-D1-S2)

**Session** | **Location:** Online via Zoom | **Convener:** Joao GUIMARAES DA COSTA

### 14:40–15:25 #1: Tau Physics

#### Speaker

Changzheng YUAN

### 15:25–16:10 #2: Bottom Physics

#### Speaker

Yuehong XIE

16:10

21:00

## Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 1 - Session 3: Focus on Physics (MW-ED-D1-S3)

**Session** | **Location:** Online via Zoom | **Convener:** Joao GUIMARAES DA COSTA

### 21:00–21:45 #1: Flavor Tagging in Electroweak Physics

#### Speaker

Paolo AZZURRI

### 21:45–22:30 #2: BSM Physics Benefiting from Superior Particle Identification

#### Speaker

Jia LIU

22:30

22:40

**Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 1 - Session 4: Focus on Physics (MW-ED-D1-S4)****Session** | **Location:** Online via Zoom | **Convener:** Joao GUIMARAES DA COSTA

22:40-23:25

**#1: PID at BELLE II Detector****Speaker**

Leo PIILONEN

23:25-00:10

**#2: PID at EIC****Speaker**

Thomas HEMMICK

00:10

## Friday 15 January

13:00

### Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 2 - Session 1: Focus on Detectors (MW-ED-D2-S1)

**Session** | **Location:** Online via Zoom | **Convener:** Mogens DAM

#### 13:00–13:45 #1: Particle Identification Overview

**Speaker**

Guy WILKINSON

#### 13:45–14:30 #2: PID from Timing Detectors

**Speaker**

Zhijun LIANG

14:30

14:40

### Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 2 - Session 2: Focus on Detectors (MW-ED-D2-S2)

**Session** | **Location:** Online via Zoom | **Convener:** Mogens DAM

#### 14:40–15:25 #1: Continuously Operated TPCs for the Future e+e- Colliders

**Speaker**

Piotr GASIŁ

#### 15:25–16:10 #2: PID from Drift Chambers ( $dE/dx$ , $dN/dx$ )

**Speaker**

Francesco GRANCAGNOLO

16:10

21:00

### Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 2 - Session 3: Focus on Detectors (MW-ED-D2-S3)

**Session** | **Location:** Online via Zoom | **Convener:** Mogens DAM

#### 21:00–21:20 #1: PFA Calorimeters and PID

**Speaker**

Imad LAKTINEH

#### 21:20–21:55 #2: PID Physics with PFA Calorimeters

**Speaker**

Roman POESCHL

#### 21:55–22:30 #3: PID with Dual-readout Calorimeters

**Speaker**

Roberto FERRARI

22:30

22:40

**Mini-workshop: Experiment/Detector: Particle Identification and Associated Physics at e+e- Colliders: Day 2 - Session 4: Focus on Detectors (MW-ED-D2-S4)****Session** | **Location:** Online via Zoom | **Convener:** Mogens DAM

22:40-23:25

**#1: RICH Detectors and Alternative/ Complementary Options for PID at Colliders****Speaker**

Silvia DALLA TORRE

23:25-00:10

**#2: LHCb TORCH Detector****Speaker**

Michal KREPS

00:10