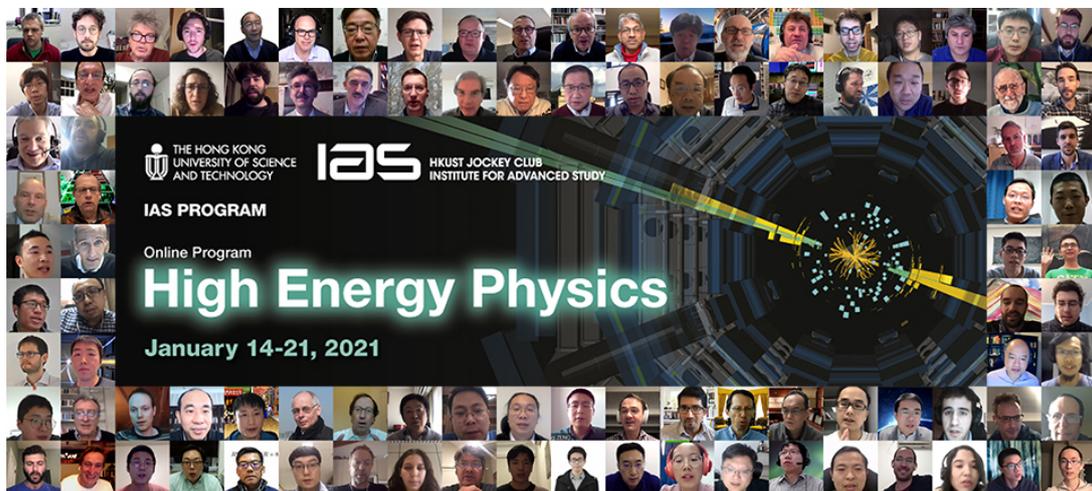


Session Program

14-21 Jan 2021



IAS Program on High Energy Physics (HEP 2021)

Conference: Experiment/Detector - Detectors

Online via Zoom

Tuesday 19 January

16:00

Conference: Experiment/Detector - Detectors: Day 1 (CF-ED-D1)

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

16:00–16:20 **#1: QCD Physics at e+e- Colliders**

Speaker

Peter SKANDS

16:20–16:40 **#2: Physics at the ttbar Threshold Energy**

Speaker

Marcel VOS

16:40–17:00 **#3: Recent Studies on ILC Detectors Performance**

Speaker

Daniel JEANS

17:00–17:20 **#4: Higgs Physics in Energy Frontier DIS**

Speaker

Bruce MELLADO GARCIA

17:20–17:40 **#5: Performance Update from Baseline CDR CEPC Detector**

Speaker

Manqi RUAN

17:40–18:00 **#6: Performance Update from IDEA**

Speaker

Giulio MEZZADRI

18:00–18:20 **#7: Fast Simulation with the IDEA Detector**

Speaker

Valentina DIOLAITI

18:20

Wednesday 20 January

16:00

Conference: Experiment/Detector - Detectors: Day 2 (CF-ED-D2)

Session | Location: Online via Zoom | Convener: Kirill PROKOFIEV

16:00–16:20 **#1: Workshop Summary Talk - Physics**

Speaker

Lingfeng LI

16:20–16:40 **#2: Workshop Summary Talk - Detector**

Speaker

Francesco GRANCAGNOLO

16:40–17:00 **#3: Status of the key4hep Software Development**

Speaker

Valentin VOLKL

17:00–17:20 **#4: Detector Concept with Crystal Calorimeter**

Speaker

Yong LIU

17:20–17:40 **#5: Crystal Calorimeter for e+e- Colliders**

Speaker

Marco LUCCHINI

17:40–18:00 **#6: Recent Results on Beam Backgrounds in Belle II**

Speaker

Hiroyuki NAKAYAMA

18:00–18:20 **#7: Status of the JUNO Experiment**

Speaker

Gaosong LI

18:20–18:40 **#8: LHeC - An ep/eA Experiment at the LHC**

Speaker

Max KLEIN

18:40

Thursday 21 January

16:00

Conference: Experiment/Detector - Detectors: Day 3 (CF-ED-D3)

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

16:00–16:20 **#1: Liquid Calorimeters for e+e- Colliders**

Speaker

Martin ALEKSA

16:20–16:40 **#2: Status of PFA Calorimeter R&D**

Speaker

Adrian IRLES

16:40–17:00 **#3: Status of Dual Readout Calorimeter R&D**

Speaker

Hwi Dong YOO

17:00–17:20 **#4: Novel Ideas in Silicon Tracking Detector (ALICE)**

Speaker

Magnus MAGER

17:20–17:40 **#5: LHCb Silicon Upgrade**

Speaker

Claudia BERTELLA

17:40–18:00 **#6: LGAD Based Timing Detectors**

Speaker

Sebastian GRINSTEIN

18:00–18:20

#7: Status and Prospects of TPC Module and Prototype at High Luminosity Z

Speaker

Huirong QI

18:20