

Session Program

7-17 Jun 2022

**Precision calculations for future e+e-
colliders: targets and tools**

***Talks and discussions: key physics questions
and observables***

CERN, 4/3-006 - TH Conference Room

Tuesday 7 June

13:00

Talks and discussions: key physics questions and observables

Session | **Location:** CERN, 4/3-006 - TH Conference Room

13:00–13:40

Possibilities and precision goals at the Z pole

Speaker

Patrick Janot

Location

CERN, 4/3-006 - TH Conference Room

14:00–14:40

Status of theory calculations for Z-pole observables

Speaker

Ayres Freitas

Location

CERN, 4/3-006 - TH Conference Room

15:00–15:30

Coffee break

15:30–16:10

Possibilities and precision goals for QCD measurements

Speaker

Stefan Kluth

Location

CERN, 4/3-006 - TH Conference Room

17:00

Wednesday 8 June

13:00

Talks and discussions: key physics questions and observables

Session | **Location:** CERN, 4/3-006 - TH Conference Room

13:00–13:40 **Initial state QED radiation aspects for future lepton colliders**

Speaker

Stefano Frixione

Location

CERN, 4/3-006 - TH Conference Room

14:00–15:00 **TH colloquium**

Location

CERN, 4/3-006 - TH Conference Room

15:00–15:30 **Coffee break**

15:30–16:10 **Theory aspects in top-pair production**

Speaker

Martin Beneke

Location

CERN, 4/3-006 - TH Conference Room

16:30–17:10 **Experimental possibilities at and above the top-pair threshold**

Speaker

Frank Simon

Location

CERN, 4/3-006 - TH Conference Room

17:50

Thursday 9 June

13:00

Talks and discussions: key physics questions and observables

Session | **Location:** CERN, 4/3-006 - TH Conference Room

13:00–13:40

Experimental constraints on Higgs properties

Speaker

Jenny List

Location

CERN, 4/3-006 - TH Conference Room

14:00–14:40

Theory precision for Higgs observables

Speaker

Li Lin Yang

Location

CERN, 4/3-006 - TH Conference Room

15:00–15:30

Coffee break

15:30–16:10

Non-perturbative aspects of QCD jet observables

Speaker

Paolo Nason

Location

CERN, 4/3-006 - TH Conference Room

16:30–17:10

Prospects for precision QCD jet calculations

Speaker

Andrea Banfi

Location

CERN, 4/3-006 - TH Conference Room

18:30

Friday 10 June

13:00

Talks and discussions: key physics questions and observables

Session | **Location:** CERN, 4/3-006 - TH Conference Room

13:00–13:40 **Precision electroweak physics above the Z pole**

Speaker

Graham Wilson

Location

CERN, 4/3-006 - TH Conference Room

14:00–14:30 **Coffee break**

14:30–15:10 **W properties at the pair-production threshold**

Speaker

Paolo Azzurri

Location

CERN, 4/3-006 - TH Conference Room

15:30–15:50 **Summary of week 1**

Location

CERN, 4/3-006 - TH Conference Room

17:10