

# **Physics at CLIC**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## CLIC Overview

*Monday, July 17, 2017 10:00 AM (30 minutes)*

**Presenter:** STAPNES, Steinar (CERN)

**Session Classification:** Overview

Contribution ID: 3

Type: **not specified**

## Big Picture

*Monday, July 17, 2017 10:30 AM (30 minutes)*

**Presenter:** GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin))

**Session Classification:** Overview

Contribution ID: 4

Type: **not specified**

## Precision EW measurements

*Monday, July 17, 2017 3:00 PM (30 minutes)*

**Presenter:** PANICO, Giuliano (Universitat Autònoma de Barcelona (ES))

**Session Classification:** SM Precision Tests

Contribution ID: 6

Type: **not specified**

## Top pair production

*Monday, July 17, 2017 2:00 PM (30 minutes)*

**Presenter:** ENGLERT, Christoph Peter (University of Glasgow (GB))

**Session Classification:** SM Precision Tests

Contribution ID: 7

Type: **not specified**

## **VH and WW**

*Monday, July 17, 2017 2:30 PM (30 minutes)*

**Presenter:** GU, Jiayin (DESY)

**Session Classification:** SM Precision Tests

Contribution ID: 8

Type: **not specified**

## **EFT studies of hZ & hhZ production @ the ILC/CLIC: the case of contact interactions**

*Monday, July 17, 2017 3:30 PM (30 minutes)*

**Presenter:** BAR-SHALOM, Shaouly (Technion, Israel)

**Session Classification:** SM Precision Tests

Contribution ID: **11**

Type: **not specified**

## **VBF**

*Tuesday, July 18, 2017 5:30 PM (30 minutes)*

**Presenter:** KILIAN, Wolfgang

**Session Classification:** SM Precision Tests

Contribution ID: 16

Type: **not specified**

## Appearing and Disappearing Tracks

*Tuesday, July 18, 2017 2:30 PM (30 minutes)*

**Presenter:** SCHWALLER, Pedro Klaus (Mainz University)

**Session Classification:** Direct Searches

Contribution ID: 17

Type: **not specified**

## **Seesaw at a Lepton Collider**

*Tuesday, July 18, 2017 3:30 PM (30 minutes)*

**Presenter:** MANIMALA, Mitra

**Session Classification:** Direct Searches

Contribution ID: **18**

Type: **not specified**

## **SUSY@CLIC**

*Monday, July 17, 2017 5:00 PM (30 minutes)*

**Presenter:** MARIOTTI, Alberto

**Session Classification:** Direct Searches

Contribution ID: 27

Type: **not specified**

## Light quarks Yukawas

*Tuesday, July 18, 2017 9:30 AM (30 minutes)*

**Presenter:** BISHARA, Fady (University of Oxford)

**Session Classification:** Light Flavours

Contribution ID: 28

Type: **not specified**

## Higgs to Strange

*Tuesday, July 18, 2017 10:00 AM (30 minutes)*

**Presenter:** SCHLAFFER, Matthias (Weizmann Institute of Science)

**Session Classification:** Light Flavours

Contribution ID: 29

Type: **not specified**

## From B-anomalies to CLIC

*Tuesday, July 18, 2017 10:30 AM (30 minutes)*

**Presenter:** GRELJO, Admir (University of Zurich)

**Session Classification:** Light Flavours

Contribution ID: **30**

Type: **not specified**

## **WHIZARD for CLIC physics**

*Tuesday, July 18, 2017 11:30 AM (30 minutes)*

**Presenter:** REUTER, Jürgen (DESY Hamburg, Germany)

**Session Classification:** Monte Carlo

Contribution ID: 32

Type: **not specified**

## **MadGraph for Lepton Colliders**

*Tuesday, July 18, 2017 12:00 PM (30 minutes)*

**Presenter:** GE, Shao-Feng (MPIK)

**Session Classification:** Monte Carlo

Contribution ID: 33

Type: **not specified**

## Seeking CLIC's Competitive Advantages

*Tuesday, July 18, 2017 6:00 PM (30 minutes)*

**Presenter:** ELLIS, Jonathan R. (University of London (GB))

**Session Classification:** SM Precision Tests

Contribution ID: 35

Type: **not specified**

## **Strong double Higgs production**

*Tuesday, July 18, 2017 5:00 PM (30 minutes)*

**Presenter:** THAMM, Andrea (Johannes-Gutenberg-Universitaet Mainz (DE))

**Session Classification:** SM Precision Tests

Contribution ID: **36**

Type: **not specified**

## **Accidental Matter**

*Monday, July 17, 2017 4:30 PM (30 minutes)*

**Presenter:** DI LUZIO, Luca

**Session Classification:** Direct Searches

Contribution ID: 37

Type: **not specified**

## **Extra Scalars: singlet-like Higgses and pseudo-Goldstones**

*Monday, July 17, 2017 5:30 PM (30 minutes)*

**Presenter:** SALA, Filippo

**Session Classification:** Direct Searches

Contribution ID: 39

Type: **not specified**

## **Axion-like particles at e+ e- colliders**

*Tuesday, July 18, 2017 2:00 PM (30 minutes)*

**Presenter:** MIMASU, Ken (Université Catholique de Louvain)

**Session Classification:** Direct Searches

Contribution ID: 40

Type: **not specified**

# Testing the Twin Higgs Mechanism at a Linear Collider

*Tuesday, July 18, 2017 3:00 PM (30 minutes)*

**Presenter:** VERHAAREN, Christopher (University of California, Davis)

**Session Classification:** Direct Searches

Contribution ID: 41

Type: **not specified**

## Dark Sector at CLIC

*Tuesday, July 18, 2017 4:30 PM (30 minutes)*

**Presenter:** RAUCH, Michael (Univ. Karlsruhe, KIT)

**Session Classification:** Direct Searches

Contribution ID: 42

Type: **not specified**

## **Precision calculations for CLIC Physics**

*Monday, July 17, 2017 11:30 AM (30 minutes)*

**Presenter:** MITOV, Alexander

**Session Classification:** Overview

Contribution ID: 43

Type: **not specified**

## Physics Analyses Overview

*Monday, July 17, 2017 12:00 PM (30 minutes)*

**Presenter:** ROLOFF, Philipp (CERN)

**Session Classification:** Overview