

Session Program

7-17 Apr 2014

After the Discovery: Hunting for a Non-Standard Higgs Sector

Overview talks

Centro de Ciencias de Benasque Pedro Pascual
Av. Francia 17 Benasque 22440 Spain

Monday 7 April

09:30

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

09:30–10:00

Higgs coupling measurements status/prospects and interplay with searches for BSM Higgs sector (experiment)

Speaker

Markus Klute

10:15–10:45

Higgs coupling measurements status/prospects and interplay with searches for BSM Higgs sector (theory)

Speaker

Gero Von Gersdorff

11:00

15:00

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

15:00–15:30

Effective Field Theory for BSM Higgs sector

Speaker

Alex Pomarol

15:45–16:15

BSM Primary Effects

Speaker

Francesco Riva

16:30

Tuesday 8 April

09:30

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

09:30–10:00 **Searches for heavy Higgs bosons (theory)**

Speaker
Nathaniel Craig

10:15–10:45 **Searches for heavy Higgs bosons (experiment)**

Speaker
Adrian Perieanu

11:00

15:00

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

15:00–15:30 **Searches for rare Higgs decays (theory)**

Speaker
Tao LIU

15:45–16:15 **Searches for rare Higgs decays (experiment)**

Speaker
Guillermo Gomez Ceballos Retuerto

16:30

Wednesday 9 April

09:30

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

09:30–10:00

Searches for anomalous Higgs production mechanisms (theory)

Speaker

Giuliano Panico

10:15–10:45

Searches for anomalous Higgs production mechanisms (experiment)

Speaker

Benjamin Henry Hooberman

11:00

15:00

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

15:00–15:30

Application of advanced experimental tools to BSM Higgs searches (theory)

Speaker

Michael Spannowsky

15:45–16:15

Application of advanced experimental tools to BSM Higgs searches (experiment)

Speaker

Andrew Haas

16:30

Thursday 10 April

09:30

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

09:30–10:00

Role of precision physics in constraining a BSM Higgs sector

Speaker

Stefania Gori

10:15–10:45

Probing CP violation in the Higgs sector

Speaker

Cedric Delaunay

11:00

15:00

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

15:00–15:30

Searches for low-mass (pseudo-)scalars (theory)

Speaker

Jack Gunion

15:45–16:15

Searches for light CP-odd Higgs bosons and dark photons at Babar

Speaker

Bertrand Echenard

16:30

17:00

Overview talks: Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

17:00–17:30

Searches for low-mass (pseudo-)scalars at the LHC

Speaker

Susan Shotkin Gascon-Shotkin

18:00

Friday 11 April

10:00

Overview talks

Session | **Location:** Centro de Ciencias de Benasque Pedro Pascual, Av. Francia 17 Benasque 22440 Spain

10:00–10:20 **The Case Against Higgs Inflation**

Speaker

Jose Ramon Espinosa Sedano

10:30–10:50 **Higgs portal dark matter and the connection to the invisible width**

Speaker

Adam Falkowski

11:00