

Higgs Hunting 2021

Report of Contributions

Contribution ID: **32**

Type: **not specified**

Coffee break

Contribution ID: 45

Type: **not specified**

Prelude by the organizers

Monday, September 20, 2021 10:25 AM (5 minutes)

Summary

Session Classification: Chair: P. Sphicas (CERN & Athens)

Contribution ID: 49

Type: **not specified**

Higgs and CP violation

Monday, September 20, 2021 4:35 PM (30 minutes)

Summary

Presenter: S.GORI (UC, SANTA CRUZ)

Session Classification: Chair : H. Haber (UC Santa Cruz)

Contribution ID: 59

Type: **not specified**

ATLAS joker talk : Recent result on HH bb tautau analysis

Wednesday, September 22, 2021 10:30 AM (25 minutes)

Summary

Presenters: T.LENZ (BONN); Dr LENZ, Tatjana (Bonn)

Session Classification: Chair: V. Martinez Outschoorn (U. of Massachusetts, Amherst)

Contribution ID: 78

Type: **not specified**

Higgs report from Snowmass

Wednesday, September 22, 2021 2:25 PM (30 minutes)

Summary

Presenter: Dr OJALVO, Isobel (Princeton)

Session Classification: Chair: R. Nikolaidou (IRFU Saclay)

Contribution ID: **89**

Type: **not specified**

Young Scientist Forum Part 1 (2 talks)

Monday, September 20, 2021 11:15 AM (30 minutes)

Summary

Presenter: PELLEN, Mathieu (University of Freiburg)

Session Classification: Chair: P. Sphicas (CERN & Athens)

Contribution ID: **90**

Type: **not specified**

ATLAS CMS H(125) boson decays results

Monday, September 20, 2021 11:45 AM (1h 5m)

Summary

Presenters: ERRICO, Filippo; G.MARCHIORI (APC, PARIS); MARCHIORI, Giovanni (APC CNRS/IN2P3); SPHICAS, Paraskevas (CERN/NKUA)

Session Classification: Chair: P. Sphicas (CERN & Athens)

Contribution ID: **91**

Type: **not specified**

Young scientist forum part 2 (2 talks)

Monday, September 20, 2021 2:30 PM (30 minutes)

Summary

Presenters: L.MANTANI (UC LOUVAIN); S.FERRARIO RAVASIO (OXFORD)

Session Classification: Chair: A. Gritsan (JHU)

Contribution ID: 92

Type: **not specified**

CMS ATLAS H(125) fermion decays results (including tth)

Monday, September 20, 2021 3:00 PM (1h 5m)

Summary

Presenters: GRITSAN, Andrei (JHU); LE BIHAN, Anne-Catherine (IPHC - CNRS)

Session Classification: Chair: A. Gritsan (JHU)

Contribution ID: 93

Type: **not specified**

Young Scientist Forum part 3 (4 Talks)

Monday, September 20, 2021 5:05 PM (1 hour)

Summary

Presenters: M.MIRONOVA (OXFORD); R.HAYES (VANCOUVER, UBC); R.SCHMIEDER (INST. FÜR EXP. KERNPHYSIK); SCHMIEDER, Ralf; T.TONG (AMSTERDAM)

Session Classification: Chair : H. Haber (UC Santa Cruz)

Contribution ID: 94

Type: **not specified**

The LHC Timeline: A Personal Recollection (1980-2012)

Monday, September 20, 2021 6:05 PM (55 minutes)

Presenter: L.MAIANI (ROME)

Session Classification: Chair : H. Haber (UC Santa Cruz)

Contribution ID: 95

Type: **not specified**

Young Scientist Forum part 4 (2 Talks)

Tuesday, September 21, 2021 10:30 AM (30 minutes)

Summary

Presenters: A.D.LOELIGER (WISCONSIN); A.SALVADOR (BARCELONA); SALVADOR SALAS, Adrian (IFAE BIST Barcelona)

Session Classification: Chair: S. Heinemeyer (IFT Madrid)

Contribution ID: 96

Type: **not specified**

ATLAS CMS BSM and rare H(125) - including Hcc Hnunu decays

Tuesday, September 21, 2021 11:00 AM (1h 40m)

Summary

Presenters: A.ATTIKIS (UNIV. OF CYPRUS); A.MILIC (TORONTO); ATTIKIS, Alexandros; Dr LI, Ke (University of Washington); HEINEMEYER, Sven (IFT/IFCA (CSIC))

Session Classification: Chair: S. Heinemeyer (IFT Madrid)

Contribution ID: 97

Type: **not specified**

CMS joker talk : Di-Higgs searches with b quarks

Tuesday, September 21, 2021 2:20 PM (25 minutes)

Summary

Presenters: GOUSKOS, Loukas (CERN); GOUSKOS, Loukas (CERN)

Session Classification: Chair: A-M. Magnan (Imperial College)

Contribution ID: **98**

Type: **not specified**

Vector Boson Scattering

Tuesday, September 21, 2021 2:45 PM (1h 5m)

Summary

Presenters: A.VAGNERINI (UNIV. OF TURIN & INFN); MAGNAN, Anne-Marie (Imperial College (GB)); N.LORENZO MARTINEZ (LAPP, ANNECY); LORENZO MARTINEZ, Narei

Session Classification: Chair: A-M. Magnan (Imperial College)

Contribution ID: 99

Type: **not specified**

Young Scientist Forum part 5 (3 Talks)

Tuesday, September 21, 2021 4:20 PM (45 minutes)

Summary

Presenters: ZULIANI, Davide (Padova); J.MICHEL (MIT); MICHEL, Johannes (MIT Center for Theoretical Physics); MICHEL, Johannes (MIT Center for Theoretical Physics); M.RAMOS (LISBON)

Session Classification: Chair: K. Koeneke (Freiburg)

Contribution ID: **100**

Type: **not specified**

CMS ATLAS general H combination

Tuesday, September 21, 2021 5:05 PM (1h 5m)

Summary

Presenters: C.ZHOU; KÖNEKE, Karsten (University of Freiburg); M.BONANOMI (LLR, ECOLE POLYTECH., IN2P3-CNRS); BONANOMI, Matteo (LLR, École Polytechnique)

Session Classification: Chair: K. Koenke (Freiburg)

Contribution ID: **101**

Type: **not specified**

The Once and Future Higgs

Tuesday, September 21, 2021 6:10 PM (40 minutes)

Presenter: N.CRAIG (UC, SANTA BARBARA)

Session Classification: Chair: K. Koeneke (Freiburg)

Contribution ID: **102**

Type: **not specified**

Young Scientist Forum part 6 (3 Talks)

Wednesday, September 22, 2021 10:55 AM (45 minutes)

Summary

Presenters: D.GUERRERO IBARRA (UNIV.OF FLORIDA); P.KUMAR SIDDIREDY (UC SANTA BARBARA); SIDDIREDY, Prasanna (UC Santa Barbara); R.HULSKEN (GRENOBLE)

Session Classification: Chair: V. Martinez Outschoorn (U. of Massachusetts, Amherst)

Contribution ID: **103**

Type: **not specified**

ATLAS CMS HH (results)

Wednesday, September 22, 2021 11:40 AM (1h 5m)

Summary

Presenters: A.CAPPATI (LLR, ECOLE POLYTECH., IN2P3-CNRS); CAPPATI, Alessandra (LLR); P.BOKAN (DESY)

Session Classification: Chair: V. Martinez Outschoorn (U. of Massachusetts, Amherst)

Contribution ID: **104**

Type: **not specified**

Theory concluding talk

Wednesday, September 22, 2021 2:55 PM (45 minutes)

Summary

Presenters: L.REINA (FLORIDA); L.REINA (FLORIDA)

Session Classification: Chair: R. Nikolaidou (IRFU Saclay)

Contribution ID: **105**

Type: **not specified**

Experimental concluding talk

Wednesday, September 22, 2021 3:40 PM (45 minutes)

Summary

Presenters: P.MERIDIANI (ROMA); P.MERIDIANI (ROMA); MERIDIANI, Paolo

Session Classification: Chair: R. Nikolaidou (IRFU Saclay)

Contribution ID: **106**

Type: **not specified**

Theory Higgs and diHiggs production

Monday, September 20, 2021 10:30 AM (45 minutes)

Summary

Presenter: T.PLEHN (HEIDELBERG)

Session Classification: Chair: P. Sphicas (CERN & Athens)

Contribution ID: **107**

Type: **not specified**

Prelude by the organizers

Monday, September 20, 2021 2:25 PM (5 minutes)

Session Classification: Chair: A. Gritsan (JHU)

Contribution ID: **108**

Type: **not specified**

Prelude by the organizers

Monday, September 20, 2021 4:30 PM (5 minutes)

Session Classification: Chair : H. Haber (UC Santa Cruz)

Contribution ID: **109**

Type: **not specified**

Prelude by the organizers

Tuesday, September 21, 2021 10:25 AM (5 minutes)

Session Classification: Chair: S. Heinemeyer (IFT Madrid)

Contribution ID: 111

Type: **not specified**

Prelude by the organizers

Tuesday, September 21, 2021 4:15 PM (5 minutes)

Session Classification: Chair: K. Koeneke (Freiburg)

Contribution ID: 112

Type: **not specified**

Prelude by the organizers

Wednesday, September 22, 2021 10:25 AM (5 minutes)

Session Classification: Chair: V. Martinez Outschoorn (U. of Massachusetts, Amherst)

Contribution ID: **113**

Type: **not specified**

Prelude by the organizers

Wednesday, September 22, 2021 2:20 PM (5 minutes)

Session Classification: Chair: R. Nikolaidou (IRFU Saclay)

Contribution ID: 114

Type: **not specified**

Prelude by the organizers

Tuesday, September 21, 2021 2:15 PM (5 minutes)

Session Classification: Chair: A-M. Magnan (Imperial College)