Session Program

Jun 26 – 30, 2017

Americas Workshop on Linear Colliders 2017 (AWLC17)

Physics

SLAC National Accelerator Lab
2575 Sand Hill Road Menlo Park, CA 94025 USA

Mon, June 26

9:00 AM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

9:30 – 10:00 AM **Top quark electromagnetic couplings**

Speaker
Marcel Vos

10:00 – 10:30 AM **Studies of e+e- -> t tbar using the matrix element method**

Speaker
Yo Sato

10:30 AM

11:00 AM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

11:00 – 11:30 AM **SUSY, naturalness, simplicity, and falsifiability: why ILC?**

Speaker
Howard Baer

11:30 AM – 12:00 PM **Characterizing light Higgsinos from Natural SUSY at the ILC**

Speaker
Jacqueline Yan

12:00 – 12:30 PM

Gauge-invariant computation of Effective Field Theory corrections to Higgs couplings

Speaker
Xiaochuan Lu

12:30 PM

1:30 PM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

2:00 – 2:30 PM **Measuring the branching ratio of h-> mu mu at the ILC**

Speaker
Dr Shin-ichi Kawada

2:30 – 3:00 PM

Improving Higgs coupling measurements through ZZ fusion at the ILC

Speaker
Zhuoni Qian

3:00 – 3:30 PM

Search for CP violation effects in the h->tau tau decay at future e+e- colliders

Speaker
Xin Chen

3:30 PM

Tue, June 27

9:00 AM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

9:00 – 9:30 AM **the Heavy Photon Search experiment**

Speaker
Matt Solt

9:30 – 10:00 AM **the Light Dark Matter experiment**

Speaker
Omar Moreno

10:00 – 10:30 AM **Exotic Higgs decays at linear colliders**

Speaker
David Morrissey

10:30 AM

11:00 AM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

11:00 – 11:30 AM **Theory uncertainties for precision observables**

Speaker
Sven Heinemeyer

11:30 AM – 12:00 PM
Effective Field Theory method for extracting Higgs boson couplings

Speaker
Michael Peskin

12:00 – 12:30 PM **Analysis of the top quark threshold**

Speaker
Frank Simon

12:30 PM

1:50 PM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

1:50 – 2:20 PM **Distinct signals of Gauge-Higgs Unification at e+e- colliders**

Speaker
Yutaka Hosotani

2:20 – 2:40 PM **Study of fermion pair production at the ILC at 250 GeV**

Speaker
Hiroaki Yamashiro

2:40 – 3:10 PM **Study of e+e- -> b bbar at the ILC at 250 GeV**

Speaker
Roman Poeschl

3:10 – 3:30 PM **Study of charged Higgs boson search at ILC at 1 TeV**

Speaker
Christian Drews

3:30 PM

Wed, June 28

1:45 PM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

1:45 – 2:30 PM **Overview of LHC Higgs boson results and prospects**

Speaker
Predrag Milenovic

2:30 – 3:00 PM **Summary of the Top@LC 2017 workshop**

Speaker
Marcel Vos

3:00 PM

Thu, June 29

11:00 AM

Physics

Session | **Location:** SLAC, Madrone Room, bldg 48

11:00 – 11:30 AM **(N)MSSM Higgs boson mass calculations: Toward the LC Precision**

Speaker
Sven Heinemeyer

11:30 AM – 12:00 PM

Top quark theory for e+e-, including matching of the threshold and continuum regions

Speaker
Christian Weiss

12:00 – 12:30 PM **SUSY Predictions for ILC and CLIC (with high precision)**

Speaker
Sven Heinemeyer

12:30 PM