

Session Program

23-27 Apr 2012

KILC12

ACFA Physics

Hotel Inter-Brugo EXCO
702-845, Sangyeok 2-Dong, Buk-gu, DAEGU, Republic of KOREA

Tuesday 24 April

08:30

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Shinya Kanemura

08:30–09:10

Recent progress for the LC: polarization and precision calculations (via WebEx)

Speaker

Rohini Godbole

09:10–09:35

Multi tau lepton signatures in leptophilic two Higgs doublet model at the ILC

Speaker

Koji Tsumura

09:35–10:00

The supersymmetric Higgs sector with four doublets and its decoupling property

Speaker

Tetsuo Shindou

10:00

14:00

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Seong Youl Choi

14:00–14:40

Motivations for precision Higgs physics

Speaker

Michael E. Peskin

14:40–15:05

Higgs branching fractions study in ILC

Speaker

Hiroaki Ono

15:05–15:30

Precision measurement of Higgs to gauge bosons couplings

Speaker

Junping Tian

15:30–15:55

Higgs -> gamma gamma branching ratio

Speaker

Constantino Calancha

15:55–16:30

Physics studies for a staged construction of CLIC

Speaker

Frank Simon

16:30

Wednesday 25 April

08:30

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Seong Youl Choi

08:30-09:10 **Top quark studies at 500 GeV**

Speakers

Marcel Vos, Roman Poeschl

09:10-09:35 **Top Higgs Yukawa coupling analysis - status report (via WebEx)**

Speaker

Hajrah Tabassam

09:35-10:00 **Measuring very light gravitino with stau NLSP at the ILC**

Speaker

Ryo Katayama

10:00

10:30

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Tomohiko Tanabe

10:30-10:55 **Study of Higgs self-coupling at the ILC**

Speaker

Taikan Suehara

10:55-11:20

Determination of sparticle properties in SUSY scenarios with small mass differences at the ILC

Speaker

Mikael Berggren

11:20-11:45 **Distinguishing MSSM and Dirac neutralinos at the ILC**

Speaker

Seong Youl Choi

11:45-12:10 **Probing strongly interacting W's at the ILC with polarized beams**

Speaker

Monalisa Patra

12:30

14:00

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Junping Tian

14:00-14:25 **F-term loop driven electroweak baryogenesis**

Speaker

Eibun Senaha

14:25-14:50

Structure of dimension-six derivative interactions in pseudo Nambu-Goldstone N Higgs doublet models

15:30

Speaker
Yohei Kikuta

14:50-15:15 Phenomenology of the Higgs triplet model at the ILC

Speaker
Kei Yagyu

16:00

ACFA Physics

Session | **Location:** Hotel Inter-Burgo EXCO, B1-4 [300] | **Convener:** Dr Timothy Barklow

16:00-16:40 Recent results from the Tevatron

Speaker
Paul Grannis

16:40-17:05

Seesaw model with a loop-induced Dirac mass term and dark matter from $U(1)_{B-L}$ gauge symmetry breaking

Speaker
Takehiro Nabeshima

17:05-17:30

LHC and ILC implications of a 125 GeV Higgs boson in supersymmetry (via WebEx)

Speaker
Oscar Stal

17:30-17:55 R-parity violation at LHC & ILC (via WebEx)

Speaker
Benedikt Vormwald

18:00