



# LCWS 2012

## Tuesday, 23 October 2012

### Higgs & EWSB - Rio Grande A (08:30 - 10:30)

-Conveners: Heather Logan; Timothy Barklow; Shinya Kanemura; Keisuke Fujii; Antonio Pich; Dirk Zerwas

| time  | [id] title   | presenter       |
|-------|--|-----------------|
| 08:30 | [75] Higgs at the LHC  | YU, Jaehoon     |
| 09:05 | [77] The Higgs boson mass its meaning for the Standard Model     | BEZRUKOV, Fedor |
| 09:30 | [78] Perturbative Unitarity of the Higgs derivative interactions | KIKUTA, Yohei   |
| 09:55 | [79] Renormalization of the Higgs sector in the triplet model    | Dr YAGYU, Kei   |

### Higgs & EWSB: Joint Higgs/EWSB/SUSY and New Physics - Rio Grande A (11:00 - 12:30)

-Conveners: Heather Logan; Timothy Barklow; Shinya Kanemura; Keisuke Fujii; Antonio Pich; Dirk Zerwas; Tim Tait; Julia Thom; Mihoko Nojiri; Taikan SUEHARA; Geraldine Servant; Jenny List

| time  | [id] title  | presenter              |
|-------|---|------------------------|
| 11:00 | [61] Extra Higgs bosons and tanbeta   | Dr TSUMURA, Koji       |
| 11:30 | [63] Higgs phenomenology of the supersymmetric grand unified theory with the Hosotani mechanism | KAKIZAKI, Mitsuru      |
| 11:50 | [64] A model for the Higgs inflation and its testability at the ILC                             | Mr NABESHIMA, Takehiro |

# Wednesday, 24 October 2012

## Higgs & EWSB: Joint Higgs/EWSB/SUSY and New Physics - Rio Grande A (14:00 - 15:30)

-Conveners: Heather Logan; Timothy Barklow; Shinya Kanemura; Fujii Keisuke; Antonio Pich; Dirk Zerwas; Tim Tait; Julia Thom; Mihoko Nojiri; Taikan SUEHARA; Geraldine Servant; Jenny List

| time  | [id] title  | presenter            |
|-------|---|----------------------|
| 14:00 | [62] Higgs properties in the pMSSM  | Prof. HEWETT, JoAnne |
| 14:20 | [65] Status of the Whizard Event Generator: SM/QCD/BSM/NLO  | REUTER, juergen      |
| 14:40 | [66] A supersymmetric inert Higgs model and its phenomenological implications                                     | Dr SHINDOU, Tetsuo   |
| 15:00 | [67] Phenomenology of a light Higgs scenario with strongly-coupled Higgs sector arising from SUSY strong dynamics | Mr YAMADA, Toshifumi |

# Thursday, 25 October 2012

## Higgs & EWSB - Rosebud Theater (08:30 - 10:30)

| time  | [id] title  | presenter                        |
|-------|---|----------------------------------|
| 08:30 | [70] Full simulation study on H->gammagamma and H->mumu with the ILC detector                                   | Dr CALANCHA PAREDES, Constantino |
| 08:50 | [71] Higgs Branching ratio study for DBD  | Mr ONO, Hiroaki                  |
| 09:10 | [72] Measurement of the Higgs width   | Dr LIST, Jenny                   |
| 09:30 | [73] Higgs Mass and Cross-Section Measurements at a 500GeV CLIC Machine, Operating at sqrt(s)=350GeV and 500GeV | Prof. THOMSON, Mark              |
| 09:50 | [74] Higgs couplings at the ILC   | PESKIN, Michael                  |

## Higgs & EWSB - Rosebud Theater (11:00 - 12:30)

| time  | [id] title  | presenter            |
|-------|---|----------------------|
| 11:00 | [68] Self-coupling  | Mr TIAN, Junping     |
| 11:30 | [69] Measurement of the trilinear Higgs self-coupling at 1.4TeV and a 3TeV CLIC | Dr LASTOVICKA, Tomas |