Beyond the Standard Model after the first run of the LHC

GGI    July 9-12, 2013

Tuesday July, 9

13:30-14:30  Registration

14:30-15:10  Marumi Kado
Overview of LHC Higgs results

15:10-15:40  Roberto Contino
Testing Higgs Compositeness with High Luminosity and Precision

15.40-16:10  coffee break

16:10-16:40  Ignatios Antoniadis
Mass Hierarchy and Electroweak Symmetry Breaking

16:40-17:10  Nemanja Kaloper
Planck Data and Ultra-light Axions

18:00-19:00  Welcome Cocktail
Wednesday July, 10

10:00-10.30 John Terning
  *Dilatons and Fine Tuning*

10:30-11:00 Gustavo Burdman
  *Phenomenology of the Coarse Deconstruction of AdS5*

11:00-11:30 coffee break

11:30-12:00 Csaba Csaki
  *Natural Models of R-parity Violation*

12:00-12:30 Brando Bellazzini
  *The Conformal Higgs*

12:30-13:00 Lisa Randall
  *Double Disk Dark Matter*

13:00-14:30 lunch

14:30-15:10 Diego Martinez Santos
  *Flavor Physics after the first run of the LHC*

15:10-15.40 Michele Redi
  *Axion-Higgs Unification*

15.40-16:10 coffee break

16:10-16:40 Kiwoon Choi
  *Higgs and Neutralino Phenomenology in Peccei-Quinn NMSSM*

16:40-17:10 Yael Shadmi
  *Flavored Gauge Mediation*
Thursday July 11

9:30-10:10  Licia Verde  
*Beyond the Standard Cosmological Model after the first Planck Results*

10:10-10:40  Leonardo Senatore  
*Lessons on Inflation from Planck*

10:40-11:10  Eduardo Ponton  
*Vector-like Fermions and the Electroweak Phase Transition*

11:10-11:40  coffee break

11:40-12:10  Yuri Shirman  
*A Complete Model of Dirac Gauginos: Dynamics & Operator Analysis*

12:10-12:40  Asimina Arvanitaki  
*Physics Beyond Colliding Particles*

12:40-14:30  lunch

14:30-15:10  Maurizio Pierini  
*Review of Searches for New Physics in ATLAS & CMS*

15:10-15:40  Giovanni Villadoro  
*Is Natural SUSY Expired?*

15:40-16:10  coffee break

16:10-16:40  Savas Dimopoulos  
*The Abundance of Nothing*

16:40-17:10  Roberto Franceschini  
*Post-LHC RPV SUSY*

20:00-23:00  *Dinner at Villa Viviani*
Friday July 12

10:00-10:30  Joshua Ruderman
             Gravitino Miracle

10:30-11:00  Lawrence Hall
             TeV-scale Superpartners with an Unnatural Weak Scale

11:00-11:30  coffee break

11:30-12:00  John March-Russell
             Asymmetric Dark Matter and Self Interactions

12:00-12:30  Riccardo Barbieri
             One or More Higgs Bosons?

12:30-14:30  lunch