

750 GeV Excess @LHC under scrutiny

Thursday, 05 May, 2016

Ramanujan Lecture Hall, ICTS

Schedule

09:15-09:30	Introductory Remarks – Prof. Rajesh Gopakumar
09:30-10:00	ATLAS talk - Presenters: BERGER, Nicolas
10:00-10:30	Search for high-mass diphoton resonances at CMS - Presenters: GASCON-SHOTKIN, Suzanne
10:30-10:45	Di-photon resonance at 750 GeV: an effective approach - Presenters: MONDAL, Subhadeep
10:45-11:00	Diphoton excess at 750 GeV: Singlet scalars and Naturalness - Presenters: CHAKRABORTY, Indrani
11:00-11:15	Tea/Coffee
11:15-11:30	Radion Candidate for the LHC diphoton resonance - Presenters: MAITRA, Ushoshi
11:30-11:45	Diphoton Excess at 750 GeV from a Radion in the Bulk-Higgs Scenario - Presenters: RAY, Tirtha Sankar
11:45- 12:00	Diphoton resonance at 750 GeV in the broken R-symmetric MSSM - Presenters: CHAKRABARTI, Sabyasachi
12:00-12:15	U(1) Hidden Symmetry Model - Santosh Kumar Rai
12:15-12:30	Minimal Left-Right Symmetry Confronted with the 750 GeV Di-photon Excess at the LHC - Presenters: BORAH, Debasish
12:30-12:45	750 GeV resonance in the dark left-right model - Presenters: TOMAR, Gaurav
12:45-13:30	Lunch
13:30-13:50	The 750 diphoton excess and its dark matter consequences - Presenters: Dr. MAMBRINI, Yann

13:50-14:20	Theory Overview – - Presenters: Prof. BHATTACHERJEE, Biplob
14:20-14:40	Future Collider Signatures - Rohini Godbole
14:40-15:00	Tea/Coffee
15:00-15:45	Critical Discussion
15:45-16:30	Round Table: Future of Particle Physics
16:30-16:45	Break
16:45-17:05	Gravitational Waves Experiment - P. Ajith
17:05-17:45	Gravitational Waves Experiment - Bala Iyer
17:45-18:05	Gravitational Waves - Subhendra Mohanty
18:05-18:15	Concluding Remarks