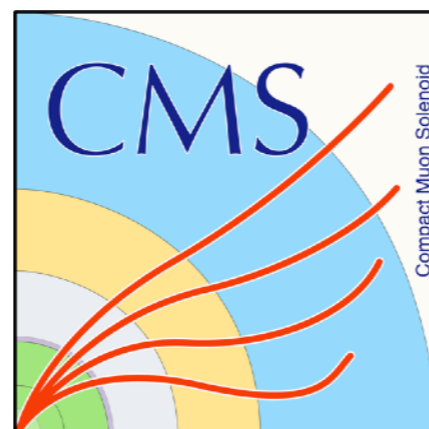


New directions for SUSY searches with LHC Run 3 data

A workshop organized by the ATLAS and CMS supersymmetry physics groups



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November 15th-16th, 2021

Agenda

Today

Tomorrow

2:05 PM	→ 2:35 PM	SUSY overview Speaker: Jonathan R. Ellis (University of London (GB))
2:35 PM	→ 3:05 PM	Discussion
3:05 PM	→ 3:35 PM	Theory review in light of LHC Run-2 results Speaker: Nathaniel Craig (UC Santa Barbara)
3:35 PM	→ 4:05 PM	Discussion
4:05 PM	→ 4:15 PM	Coffee break
4:15 PM	→ 4:45 PM	Constraints on SUSY landscape from $g-2$ measurements Speaker: Sven Heinemeyer (CSIC (Madrid, ES))
4:45 PM	→ 5:15 PM	Discussion
5:15 PM	→ 5:45 PM	SUSY in Electroweak and Higgs sector Speaker: Nausheen Shah (Wayne State University)
5:45 PM	→ 6:15 PM	Discussion

2:00 PM	→ 2:30 PM	R-parity violating SUSY Speaker: Herbi Dreiner (Bonn University)
2:30 PM	→ 3:00 PM	Discussion
3:00 PM	→ 3:30 PM	Implications of naturalness and the string landscape for LHC SUSY searches Speaker: Howard Baer (University of Oklahoma)
3:30 PM	→ 4:00 PM	Discussion
4:00 PM	→ 4:15 PM	Coffee break
4:15 PM	→ 4:45 PM	Light ($m_{LSP} < m_{h125}$) LSP in PMSSM/NMSSM Speaker: Rohini Madhusudan Godbole (Indian Institute of science (IN))
4:45 PM	→ 5:15 PM	Discussion
5:15 PM	→ 5:45 PM	Constraints from measurements of LFU observables Speaker: Wolfgang Altmannshofer (UC Santa Cruz)
5:45 PM	→ 6:15 PM	Discussion
6:15 PM	→ 6:20 PM	Closeout