



# Higgs Hunting 2022

## mercredi 14 septembre 2022

**Chair: V. Martinez Outschoorn (U. of Massachusetts, Amherst) (10:25 - 12:45)**

time	[id] title	presenter
10:25	[112] Prelude by the organizers	
10:30	[59] ATLAS joker talk : Recent result on HH bb tautau analysis	T.LENZ (BONN) Dr LENZ, Tatjana
10:55	[102] Young Scientist Forum part 6 (3 Talks)	D.GUERRERO IBARRA (UNIV.OF FLORIDA) P.KUMAR SIDDIREDDY (UC SANTA BARBARA) SIDDIREDDY, Prasanna R.HULSKEN (GRENOBLE)
	- [2] Search for Higgs boson pair production decaying into $\gamma\gamma$ with the ATLAS detector	R.HULSKEN (GRENOBLE)
	- [3] Search for non-resonant Higgs boson pairs in the four bottom quark final state at CMS	D.GUERRERO IBARRA (UNIV.OF FLORIDA)
	- [4] Search for lepton flavor violating decays of Higgs boson into $\mu$ -tau and e-tau final states with CMS	P.KUMAR SIDDIREDDY (UC SANTA BARBARA)
11:40	[103] ATLAS CMS HH (results)	A.CAPPATI (LLR, ECOLE POLYTECH.,IN2P3-CNRS) CAPPATI, Alessandra P.BOKAN (DESY)
	- [1] ATLAS	P.BOKAN (DESY)
	- [2] CMS	A.CAPPATI (LLR, ECOLE POLYTECH.,IN2P3-CNRS)
	- [3] 3 transparencies of comparison	
	- [4] Discussion	