

HASCO 2014: students papers

group	surname	first name	university	paper
1	Akilli	Ece	Geneva	"Measurement of Bs->muu and its impact on new physics"
	Amlacher	Johanna	Uppsala	
2	Andreassi	Guido	Rome	"Measurement of dijet cross sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS"
	Barnes	George	Manchester	
3	Battelli	Nico	Pisa	"Design, large area production and quality assurance for the ATLAS IBL pixel detector upgrade"
	Bendall	Thomas	Göttingen	
4	Betti	Alessandra	Rome	"Intercalibration of the longitudinal segments of a calorimeter system"
	Beyer	Julien	Göttingen	
5	Borgonovi	Lisa	Bologna	"Dynamics of isolated-photon plus jet production in pp collision at $\sqrt{s} = 7$ TeV with the ATLAS detector"
	Brodie	Callum	Oxford	
6	Vaccaro	Davide	Pisa	"Observations of the failure of conservation of Parity and Charge Conjugation in meson decays: the magnetic moment of the free muon"
	Bron	Stéphanie	Geneva	
7	Bruni	Lucrezia Stella	Rome	"Search for the Standard Model Higgs boson produced in association with top quarks and decaying into bb in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector at the LHC"
	Bulté	Nicolas	Gent	
8	Butter	Anja	Paris-Orsay	"Measurement of B->D*taunu and its impact on the 2 Higgs Doublet Model"
	Calvente López	Sergio	Madrid	
9	Chen	Rui	Manchester	"Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010"
	Cipriani	Marco	Rome	
10	Cueta Gómez	Ana Rosario	Madrid	"Quantifying the performance of jet definitions for kinematic reconstruction at the LHC"
	Dreyer	Timo	Göttingen	
11	di Maria	Riccardo	Bologna	"Plotting the Differences Between Data and Expectation"
	Zani	Laura	Pisa	
12	Ekstedt	Andreas	Uppsala	"Evidence for Top Quark Production in ppbar Collisions at $\sqrt{s}=1.8$ TeV"
	Geisen	Jannik	Göttingen	
13	Fernández Martín	Raquel	Madrid	"A search for tbbar resonances in the lepton plus jets final state with ATLAS using 4.7 fb ⁻¹ of pp collisions at $\sqrt{s}=7$ TeV"
	Filaci	Gianluca	Rome	
14	Forcolin	Giulio	Manchester	"Measurements of Four-Lepton Production at the Z Resonance in pp Collisions at $\sqrt{s}=7$ and 8 TeV with ATLAS"
	Frassetto	Marco	Bologna	
15	Fromholz	Pierre	Paris-Orsay	"Search for the lepton flavor violating decay Z->emu in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector"
	Fulco	Alexandro	Gent	
16	Garcia-Valdecasas Tenreiro	Eduardo	Madrid	"Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector"
	Fabiani	Veronica	Rome	
17	Giangiacomi	Nico	Bologna	"Bayesian inference in processing experimental data: principles and basic applications"
	Gordo	David	Madrid	
18	Guaraguolini	Marco	Pisa	"Top quark charge asymmetry and forward-backward asymmetry"
	Haldemann	Jonas	Bern	
19	Hasik	Juraj	Bratislava	"Measurements of the tbbar charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV"
	Heinze	Jonas	Uppsala	
20	Hostettler	Michael	Bern	"Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s}=8$ TeV with the ATLAS detector"

	Huerta Fernández	José Luis	Madrid	
21	Joos	Hans	Uppsala	"Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector"
	Lafarga Magro	Marina	Barcelona	
22	Kamal	Shahzeb	Amsterdam	"Data mining and knowledge discovery"
	Junker	Olov	Uppsala	
23	Kučerová	Zuzana	Bratislava	"Probably a discovery: bad mathematics means rough scientific communication"
	Kassarar	Georgios	Amsterdam	
24	Mackinnon	Neel	Glasgow	"Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and MET in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector"
	Majersky	Oliver	Bratislava	
25	Malinauskas	Augustinas	Glasgow	"Evidence for Higgs boson decays to the tautau final state with the ATLAS detector"
	Masip	David	Barcelona	
26	Massa	Federico	Pisa	"Direct measurement of the total decay width of the top quark"
	Mchedlidze	Gvantsa	Göttingen	
27	Merchante Gonzalez	Alberto	Oxford	"Measuring masses of semi-invisibly decaying particles pair produced at hadron colliders"
	Merz	Garrett	Göttingen	
28	Michetti	Michele	Bologna	"Measurement of the ttbar production cross-section using eμ events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector (ttbar inclusive cross section measurement)"
	Mironova	Maria	Göttingen	
29	Murphy	Steven	Manchester	"The first few microseconds"
	Oltmanns	Jens	Göttingen	
30	Oorlynck	Jonas	Gent	"Data mining on crash simulation data"
	Nathvani	Ricky	Oxford	
31	Van De Pontseele	Wouter	Gent	"Identification of hadronic decays of tau leptons (2012 ATLAS data)"
	Pani	Renato	Rome	
32	Pearson	Natalie	Oxford	"Search for dark matter in events with a Z boson and MET"
	Penington	Geoffrey	Göttingen	
33	Pokharel	Ishan	Göttingen	"Search for dark matter in events with a hadronically decaying W or Z boson and MET"
	Romano	Silvestre	Clermont-Ferrand	
34	Sabatini	Paolo	Pisa	"The quest for the quark-gluon plasma"
	Sáez Blázquez	Rocio	Madrid	
35	Schulte	Simon	Göttingen	"A introduction to MCMC for Machine Learning"
	Sinkunaite	Laura	Glasgow	
36	Sohns	Fabian	Göttingen	"The light stop window"
	Van Assche	Frederic	Gent	
37	Tatsi	Gioan	Göttingen	"Measurements of normalized differential cross-sections for ttbar production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector (ttbar differential cross section measurement)"
	Botta	Valeria	Pisa	
38	Orthen	Tobias	Göttingen	"Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector"
	Tanaka	Masahiro	Göttingen	
39	Visan	Cosmin	Manchester	"The Large Hadron Collider"
	Waas	Devin	Göttingen	
40	Wadud	Mohammad	Oxford	"Measurement of the CP violating phase $\phi_{1,s}$ in the decays $B_s \rightarrow J/\psi + \Phi$ (new physics correlations in rare decays)"
	Wiebe	Felix	Göttingen	
41	Robinson	Max	Göttingen	"Concepts for fast large scale Monte Carlo production for the ATLAS experiment"