HASCO 2014: students presentations

NOTES

→ Please remind to fill the doodle with C++ and ROOT questionnaire:

http://doodle.com/ay5izzk6rnaebrv2

and the music wishlist:

https://docs.google.com/document/d/1-YtfcgF6osJE5-whX5mbTR1vcsVj7guf87h8yjPtyYE

→ Seminars (paper presentation, 10-15min talk)

→ Exam (~3 questions/lecture topic) on Thursday 31st 14-16h

The grade will be based on the exam

Paper reading & presentations

- In pairs, you have to read a paper (list in the next slides) → in total 40 teams
- You will have one tutor to discuss with the proposed paper
- You have to prepare a 10-15min talk/seminar about it and you will present it (HS5)
- Scheduled ~20min/team (10-15min talk + questions from other participants, so listen to your colleagues/friends)

Seminar preparation

Monday 21st: 11.30-12.30h
Tuesday 22nd: 11.30-12.30h
Thursday 24th: 11.30-12.30h

Presentation

Friday 25th: 14.00-16.00h ➔ 2h (Teams: 1-6)
Monday 28th: 16.30-18.30h ➔ 2h (Teams: 7-12)
Tuesday 29th: 16.30-18.30h ➔ 2h (Teams: 13-18)
Wednesday 30th: 16.30-18.30h ➔ 1h40min (Teams: 19-23) + 20min Q&A session
Thursday 31st: 16.30-18.30h ➔ 2h (Teams: 24-29)
Friday 1st: 8.30-12.30h ➔ 4h (Teams: 30-41)

Schedule (Teams 1-10)

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group	surname	first name	university	tutor	day	paper
1	Akilli	Ece	Geneva	Gerald Eigen / Darren Price	Friday 25th	Bs->mumu
	Amlacher	Johanna	Uppsala			
2	Andreassi	Guido	Rome	Juan Terrón	Friday 25th	Dijet XS ATLAS 7 TeV
	Barnes	George	Manchester			
3	Battelli	Nico	Pisa	Sigve Haug	Friday 25th	Tracking (3D silicon detectors)
	Bendall	Thomas	Göttingen			
4	Betti	Alessandra	Rome	Guido Volpi	Friday 25th	Calorimeters ????
	Beyer	Julien	Göttingen			
5	Borgonovi	Lisa	Bologna	Juan Terrón	Friday 25th	Isolated-photon + jets
	Brodie	Callum	Oxford			
6	Vaccaro	Davide	Pisa	Vincenzo Cavasinni / Guido Volpi	Friday 25th	*P* and *C* violation (historical paper)
	Bron	Stéphanie	Geneva			
7	Bruni	Lucrezia Stella	Rome	Andrea Knue	Monday 28th	ttH
	Bulté	Nicolas	Gent			
8	Butter	Anja	Paris-Orsay	Gerald Eigen / Darren Price	Wed. 30th	3->D*taunu
	Calvente López	Sergio	Madrid			
9	Chen	Rui	Manchester	Eve le Menedeu	Monday 28th	Muon performance
	Cipriani	Marco	Rome			
10	Cueta Gómez	Ana Rosario	Madrid	Caterina Doglioni	Monday 28th	Quantifying the performance of jet definitions
	Dreyer	Timo	Göttingen			

Schedule (Teams 11-20)

11	di Maria	Riccardo	Bologna	Ivo	Monday 28th	Plotting differences btw. Data and Exp.
	Zani	Laura	Pisa			
12	Ekstedt	Andreas	Uppsala	Efe Yazgan	Monday 28th	Evidence for top quark production (CDF)
	Geisen	Jannik	Göttingen			
13	Fernández Martin	Raquel	Madrid	Andrea Knue	Tuesday 29th	Ttbar resonances
	Filaci	Gianluca	Rome			
14	Forcolin	Giulio	Manchester	Eve le Menedeu	Tuesday 29th	Z->4l (ATLAS)
	Frassetto	Marco	Bologna			
15	Fromholz	Pierre	Paris-Orsay	Vincenzo Cavasinni / Guido Volpi	Tuesday 29th	Flavour violation (ATLAS-EXOT-2013-02)
	Fulco	Alexandro	Gent			
16	Garcia-Valdecasas Tenreiro	Eduardo	Madrid	Caterina Doglioni	Tuesday 29th	Inclusive jet and dijet production
	Fabiani	Veronica	Rome			
17	Giangiacomi	Nico	Bologna	Lorenzo Bellagamba / Guilio d'Agost	Friday 1st	Bayesian inference in processing experimental data
	Gordo	David	Madrid			
18	Guarguaglini	Marco	Pisa	Stano Tokar	Tuesday 29th	Top quark charge asymmetry and F-B asymmetry
	Haldemann	Jonas	Bern			
19	Hasik	Juraj	Bratislava	Efe Yazgan	Wednesday 30th	ttbar charge asymmetry (CMS)
	Heinze	Jonas	Uppsala			
20	Hostettler	Michael	Bern	Caterina Doglioni	Wednesday 30th	NEW PAPER
	Huerta Fernández	José Luis	Madrid			

Schedule (Teams 21-30)

21	Joos	Hans	Uppsala	Andrea Knue	Monday 28th	Top mass difference
	Lafarga Magro	Marina	Barcelona			
22	Kamal	Shahzeb	Amsterdam	Ricardo di Sipio	Wednesday 30th	Data mining and knowledge discovery handbook (chapter 3)
	Junker	Olov	Uppsala			
23	Kučerová	Zuzana	Bratislava	Lorenzo Bellagamba / Guilio d'Agost	Wednesday 30th	Probably a discovery: bad mathematics means rough scientific communication
	Kassaras	Georgios	Amsterdam			
24	Mackinnon	Neel	Glasgow	Tomasso Lari / Christophe Clemen	Thursday 31th	Search for direct production of charginos, neutralinos and sleptons in final states wit
	Majersky	Oliver	Bratislava			
25	Malinauskas	Augustinas	Glasgow	Elzbieta Richter-Was	Thursday 31th	Higgs-->TauTau
	Masip	David	Barcelona			
26	Massa	Federico	Pisa	Stano Tokar	Thursday 31th	Top quark decay width
	Mchedlidze	Gvantsa	Göttingen			
27	Merchante Gonzalez	Alberto	Oxford	Tomasso Lari / Christophe Clemen	Thursday 31th	Measuring masses of semi-invisibly decaying particles pair produced at hadron colli
	Merz	Garrett	Göttingen			
28	Michetti	Michele	Bologna	Mark Owen	Thursday 31th	ttbar inclusive cross section measurement
	Mironova	Maria	Göttingen			
29	Murphy	Steven	Manchester	Rosario Nania	Thursday 31th	The first few microseconds
	Oltmanns	Jens	Göttingen			
30	Oorlynck	Jonas	Gent	Ricardo di Sipio	Friday 1st	Data mining on crash simulation data
	Nathvani	Ricky	Oxford			

Schedule (Teams 31-41)

31	Van De Pontseele	Wouter	Gent	Elzbieta Richter-Was	Friday 1st	Identification of hadronic decays of tau leptons (2012 ATLAS data)
	Pani	Renato	Rome			
32	Pearson	Natalie	Oxford	Cidgem Iseever	Friday 1st	Search for dark matter in events with Z boson and MET
	Penington	Geoffrey	Göttingen			
33	Pokharel	Ishan	Göttingen	Cidgem Iseever	Friday 1st	Search for dark matter in events with a hadronically decaying W or Z boson and MET
	Romano	Silvestre	Clermont-Ferrand			
34	Sabatini	Paolo	Pisa	Rosario Nania	Friday 1st	The quest for the quark-gluon plasma
	Sáez Blázquez	Rocío	Madrid			
35	Schulte	Simon	Göttingen	renzo Bellagamba / Guilio d'Agost	Friday 1st	A introduction to MCMC for Machine Learning
	Sinkunaite	Laura	Glasgow			
36	Sohns	Fabian	Göttingen	omasso Lari / Christophe Clemen	Friday 1st	The light stop window
	Van Assche	Frederic	Gent			
37	Tatsi	Gioan	Göttingen	Mark Owen	Friday 1st	ttbar differential cross section measurement
	Botta	Valeria	Pisa			
38	Orthen	Tobias	Göttingen	Efe Yazgan	Friday 1st	Spin correlation in ttbar events (ATLAS)
	Tanaka	Masahiro	Göttingen			
39	Visan	Cosmin	Manchester	ve le Menedeu / Caterina Doglion	Friday 1st	The Large Hadron Collider
	Waas	Devin	Göttingen			
40	Wadud	Mohammad	Oxford	Gerald Eigen / Darren Price	Friday 1st	New physics correlations in rare decays
	Wiebe	Felix	Göttingen			

41	Robinson	Max	Göttingen	Tues. 29th	ncepts for fast large scale Monte Carlo production for the ATLAS experiment"