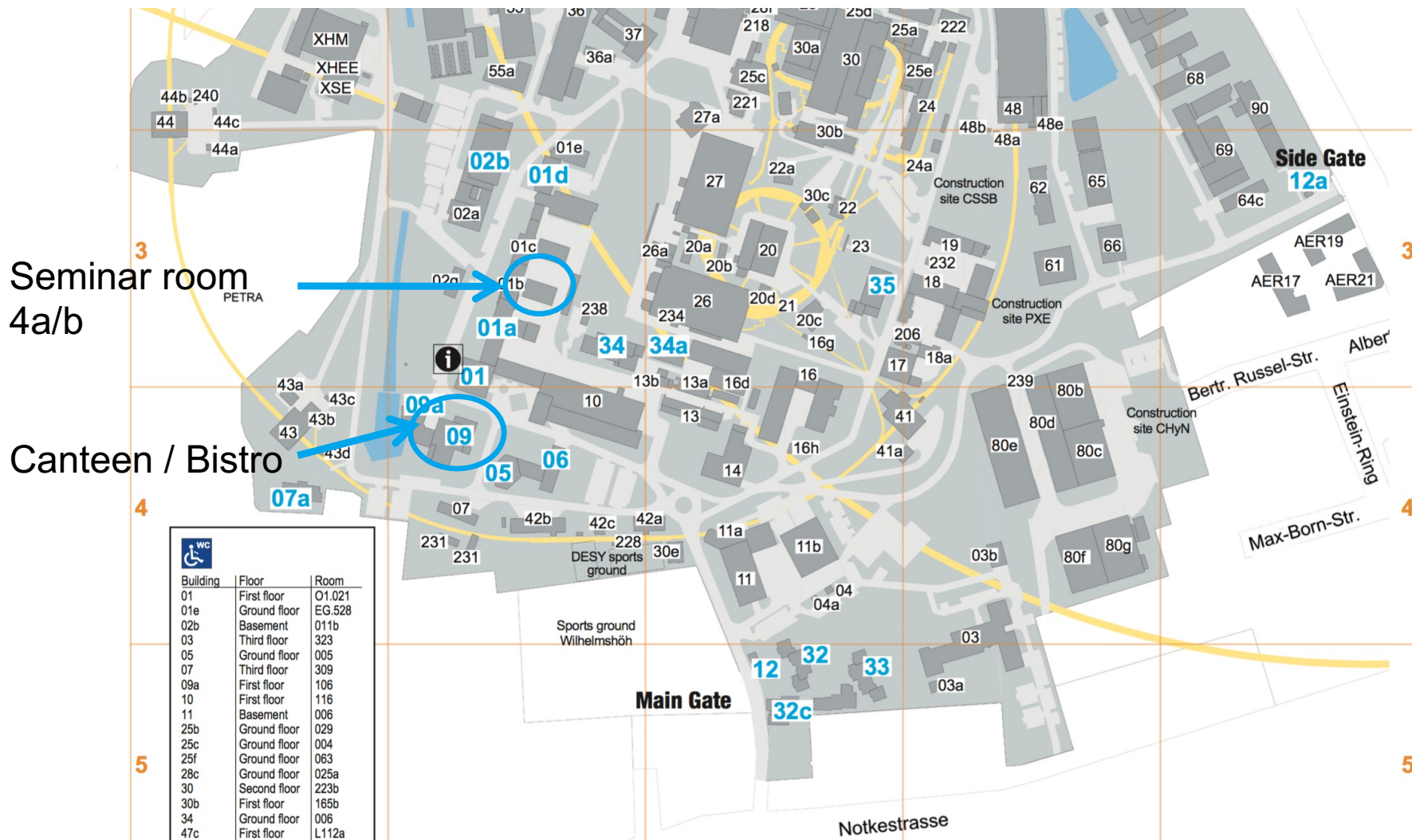


Welcome to the 3rd Terascale ML School



Lectures and exercises

Monday, March 6, 2023		Tuesday, March 7, 2023		Wednesday, March 8, 2023		Thursday, March 9, 2023		Friday, March 10, 2023		Saturday, March 11, 2023	
		9:00 AM	Statistical methods in data analysis - Andreas Meyer (DESY)	9:00 AM	Statistical methods in data analysis - Andreas Meyer (DESY)	9:00 AM	Tutorial	9:00 AM	Introduction to machine learning - Andreas Meyer (DESY)		
		9:45 AM	Monte Carlo simulations					9:45			
		10:30 AM	Coffee break	10:30 AM	Coffee break	10:30 AM	Coffee break	10:00	Coffee break	10:00 AM	Introduction to Outreach - Uta Bilow (TU Dresden)
		11:00 AM	Detektor physics - Simon Spannagel (DESY)	11:00 AM	Monte Carlo simulations - Juergen Reuter (T (Phenomenology))	11:00 AM	Higgs physics - Sarah Heim (ATLAS (ATLAS Dark Matter with Higgs))	10:20 AM	Searches for physics beyond the standard model - Sascha Caron	10:45 AM	Ausstellung: Wie alles begann
		12:30 PM	Lunch break	12:30 PM	Lunch break	12:30 PM	Lunch break	12:00 PM	Lunch break		
1:00 PM	Registration	2:00 PM	Tutorial - Konstantinos Theofilatis	2:00 PM	Tutorial	2:00 PM	Tutorial	1:30 PM	DESY tour - Beatriz Ribeiro Lopes (CMS (CMS Fachgruppe TOP)) Ana Ventura Barroso (CMS (CMS Fachgruppe QCD))	1:00 PM	Ausstellung: Urknall unterwegs
1:30 PM	Welcome	3:30 PM	Coffee break	3:30 PM	Coffee break						
1:40 PM	Detektor physics - Simon Spannagel (DESY)	4:00 PM	Tutorial	4:00 PM	Tutorial	4:00 PM	Coffee break	4:10	Coffee break		
3:10	Coffee break					4:30 PM	Tutorial	4:30 PM	How to give a good scientific presentation		
3:30 PM	Root-Tutorial - Claudia Seitz (DESY) Yvonne Ng (ATLAS (ATLAS SM and Beyond)) Tadej Novak (ATLAS (ATLAS SM and Beyond))										

- > Tutorials can be done on your laptop or on the central servers
 - Advantage for own laptop: you can take the exercise home
 - Advantage for central server: predefined working environment
- > Suggest to first try with your laptop, and move to central server in case of problems



Connection to the central server

- > List of login name and corresponding server given on indico or here [1]
- > Two ways to connect:
 - Just using your browser (using the link starting with http)
 - Connect using ssh from a terminal / xterm on your laptop
- > More in the root tutorial tonight

[1] https://indico.desy.de/event/33888/attachments/80565/105359/Name_Account_Server-list.pdf



School dinner

- The school dinner will take place in the Blockbräu at the Landungsbrücken 3, starting at 19:30
- Direct S-Bahn connection from Othmarschen
- Best to share a 5-person day ticket for the way there and back (easiest to download the hvv app)
- Alternative: Stadtrad Hamburg (there is also a station at DESY), registration is 5 Euro, which can be used for paying the rent in the first year; in general 30 min biking is for free, then 10 ct per minute



Dinner on the other days

- Recommendation: restaurants in Ottensen (close to Altona station)
- Get your own food at one of the close-by supermarkets, e.g. Lidl
- Or visit the big shopping mall “Elbe Einkaufszentrum”, which is not too far (there is a food court as well)

