

Welcome to the Terascale Statistics School 2016!

Statistics School 2016

15-19 February 2016

DESY, Hamburg

Lectures on statistics in high-energy physics:

- Basic concepts
 - Point and interval estimation
 - Hypothesis tests
 - Limit estimation
- Multivariate analysis techniques
- Systematic uncertainties

Exercises regarding:

- RooStats/RooFit tutorial
- TMVA tutorial
- Calculating exclusion limits
- Support Vector Machines

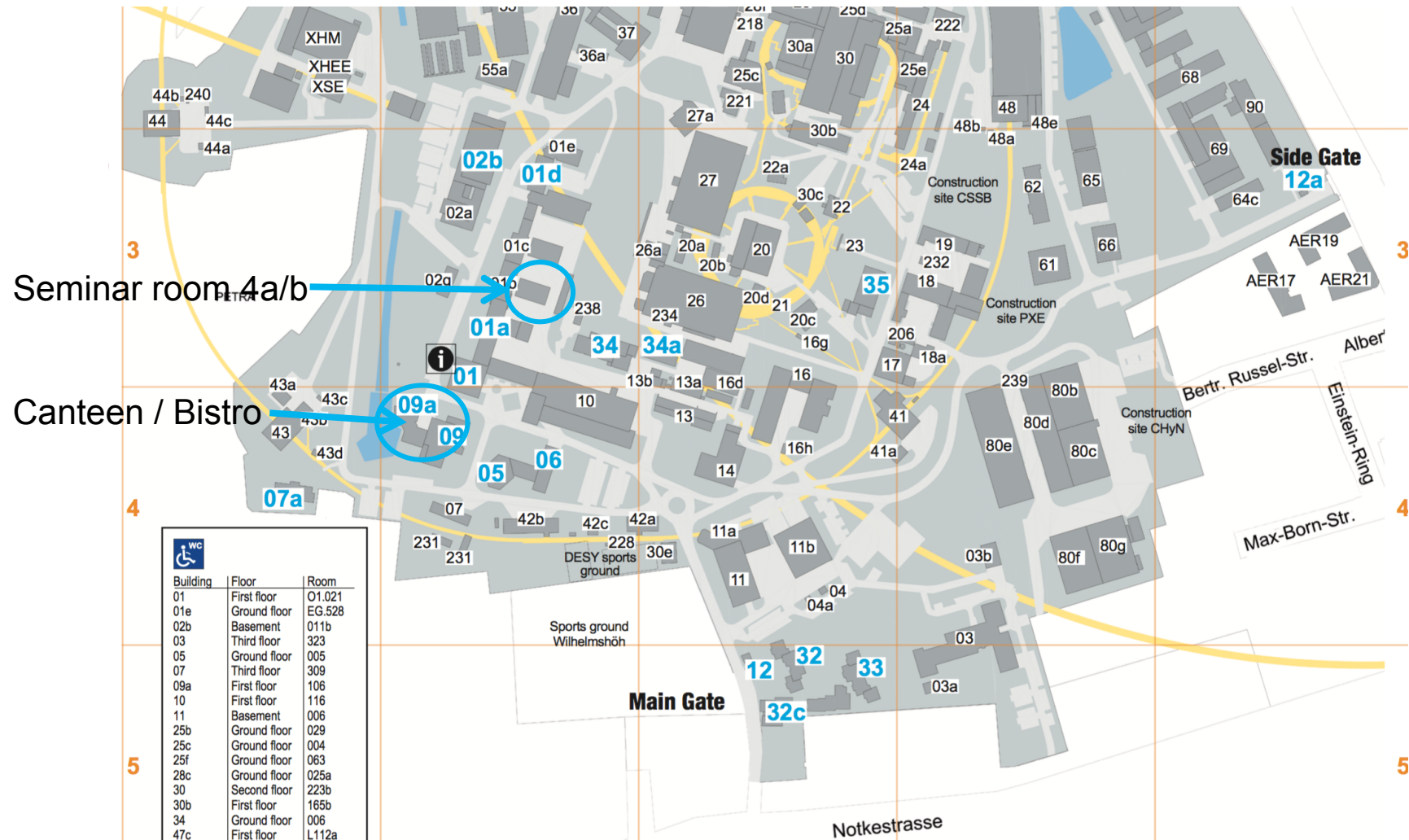


Program

Monday	Tuesday	Wednesday	Thursday	Friday
	09:00 Basic introduction	09:00 Limit setting	09:00 Roofit tutorial	09:00 Systematic uncertainties
	10:00 <i>SR 4a/b, DESY Hamburg</i>	10:00 <i>SR 4a/b, DESY Hamburg</i>	10:00 <i>SR 4a/b, DESY Hamburg</i>	10:00 <i>SR 4a/b, DESY Hamburg</i>
	Coffee break <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>
	11:00 Multivariate analysis methods	11:00 Limit setting tutorial	11:00 Roofit tutorial	11:00 Prospects
	12:00 <i>SR 4a/b, DESY Hamburg</i>	12:00 <i>SR 4a/b, DESY Hamburg</i>	12:00 <i>SR 4a/b, DESY Hamburg</i>	12:00 <i>SR 4a/b, DESY Hamburg</i>
	Lunch break	Lunch break	Lunch break	
	13:00 <i>SR 4a/b, DESY Hamburg</i>	13:00 <i>SR 4a/b, DESY Hamburg</i>	13:00 <i>SR 4a/b, DESY Hamburg</i>	
14:00 Welcome <i>SR 4a/b, DESY Hamburg</i>	14:00 TMVA Tutorial	14:00 Roofit tutorial	14:00 Application of Suport Vector Machines	14:00 Intro to Financial Risk Management I <i>SR3, DESY Hamburg</i>
	15:00 <i>SR 4a/b, DESY Hamburg</i>	15:00 <i>SR 4a/b, DESY Hamburg</i>	15:00 <i>SR 4a/b, DESY Hamburg</i>	Coffee Break <i>SR3, DESY Hamburg</i>
15:00 Basic introduction <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>	Coffee break <i>SR 4a/b, DESY Hamburg</i>	15:00 Intro to Financial Risk Management II <i>SR3, DESY Hamburg</i>
	16:00 TMVA Tutorial	16:00 Roofit tutorial	16:00 Tutorial on application of Suport Vector Machines	
16:00 Basic Introduction				
17:00 <i>SR 4a/b, DESY Hamburg</i>				
18:00 Reception <i>SR 4a/b, DESY Hamburg</i>		19:00 School dinner		



Where to go



Internet

We set up a special WLAN for the school, please use this one:

- > Name: terascale
- > WPA/WPA2-PSK: wge8VdKn

... or, if you have an account, you might also use eduroam.



School-accounts on the NAF

- > You will all be provided with a login name to work on the German NAF on special prepared login nodes – more from Yves Kemp...

