MOIN-MOIN / WELCOME!

PARTICLE PHYSICS CHALLENGES.

DESY Theory Workshop

25 - 28 September 2018

http://th-workshop2018.desy.de

20 plenary talks, 88 parallel talks, 190 participants

To speakers:
Please upload your slides on Indico!

if you don’t have a DESY indico account,
give your pdf file on USB stick to your convener before your session

Plenary sessions in Main Auditorium

Parallel sessions in 4 locations

Strings:

Bldg. 1, Seminar room 1

Cosmo:

Bldg. 1b, SR4a/4b

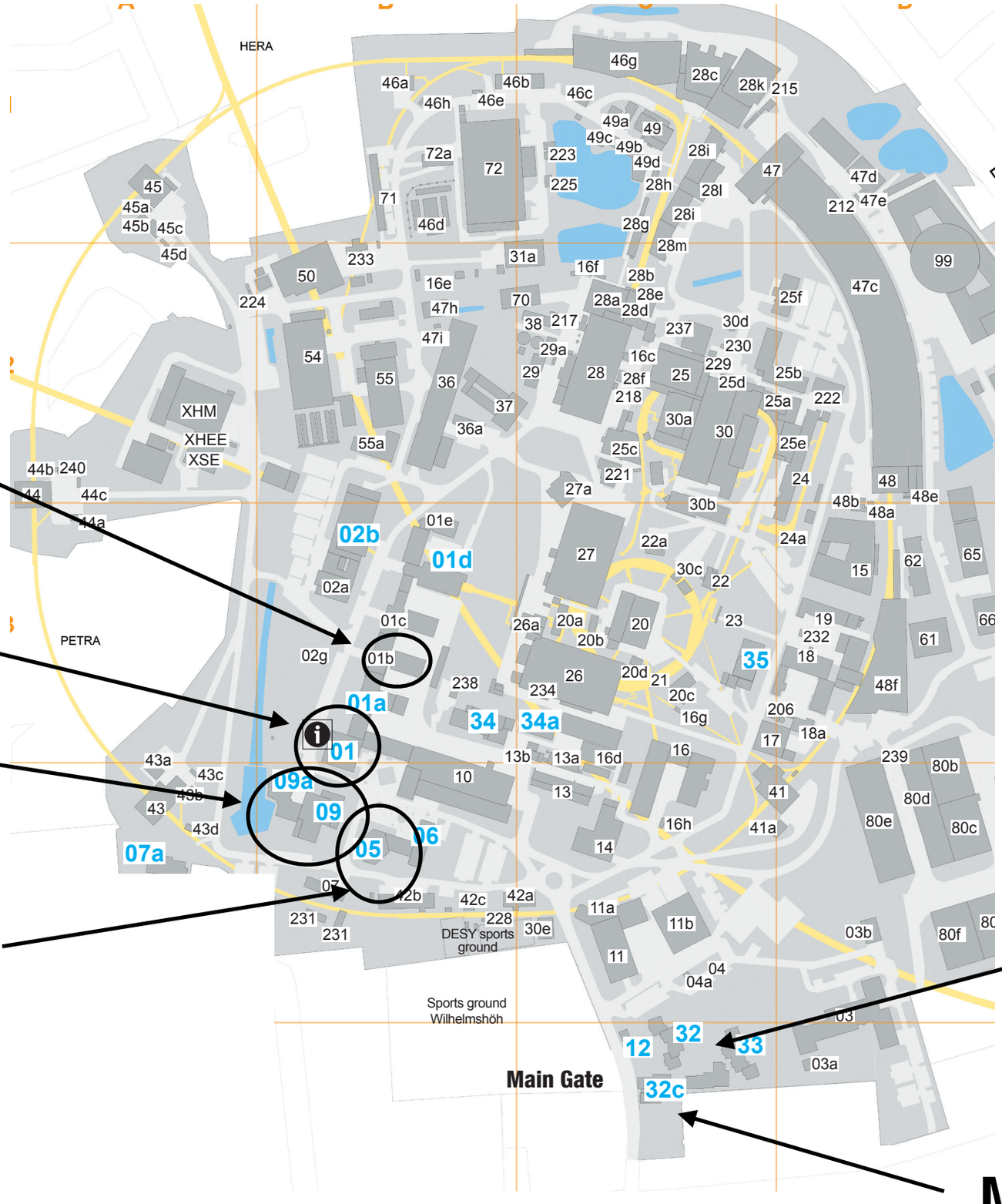
Main auditorium (Wednesday 4:30-7:00pm)

Pheno:

Main Auditorium

Bldg. 1b, SR4a/4b (Wednesday 4:30-7:00pm)

DESY Map



SR4a/4b
(first floor)

SR1
(ground floor)

Cafetaria

Main auditorium

Side entrance

DESY Hostel

Main entrance

Schedule Overview

Theory Workshop 2018: Schedule Overview

	25/09/2018	26/09/2018	27/09/2018	28/09/2018
Plenary (DESY auditorium)	13:50 - 16:00	09:00 - 11:00	09:00 - 11:00	09:00 - 11:00
chair	M. Kraemer	A. Kulesza	G. Moorgat-Pick	J. Jaeckel
speakers	A. Urbano, L. Verde, A. Eichhorn	U. Blumenschein, A. Denner, M. Czakon	F. Moorgat, N. Craig, M. Schmaltz	J. Rademacker, T. Mannel, C. Vallée
	16:30 - 17:50	11:40 - 13:00	11:40 - 13:00	11:40 - 13:00
chair	C. Grojean	G. Heinrich	F. Tackmann	G. Weiglein
speakers	K. Schmidt-Hoberg, J. Kopp	F. Maltoni, M. Spannowsky	L. Tancredi, I. Moult	M. Pospelov, M. McCullough
Hertz Lecture (DESY auditorium)			18:00-19:00	
chair			M. Diehl	
Speaker			G. Sterman	
Parallel Cosmo		14:00-16:00	14:00-15:45	
		Cosmo 1 (SR4a) / Cosmo 2 (SR4b)	Cosmo 4 (SR4a)	
		16:30-19:00	**16:15-17:40**	
		Cosmo 3 (DESY auditorium)	Cosmo 5 (SR4a)	
Parallel Pheno		14:00-16:00	14:00-15:30	
		Pheno 1 (DESY auditorium)	Pheno 4 (DESY auditorium)	
		16:30-19:00	16:00-17:50	
		Pheno 2 (SR4a) / Pheno 3 (SR4b)	Pheno 5 (DESY auditorium)	
Parallel String		14:00-16:00	14:00-15:30	
		String1 (SR1)	String 3 (SR1)	
		16:30-19:00	16:00-17:20	
		String 2 (SR1)	String 4 (SR1)	
Social Activites	Welcome reception		Workshop dinner	
	18:30-21:30		19:20-22:20	
	DESY auditorium		DESY canteen	

On Thursday evening
Hertz lecture & Workshop dinner

HERTZ LECTURE.

DESY Lecture on Physics 2018

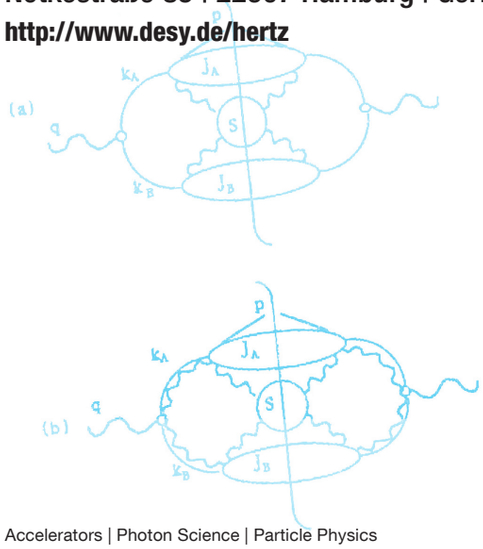
Imaging Fundamental Processes:

Thought, experiment and the accessible universe

Prof. Dr. George Sterman
(Stony Brook University)

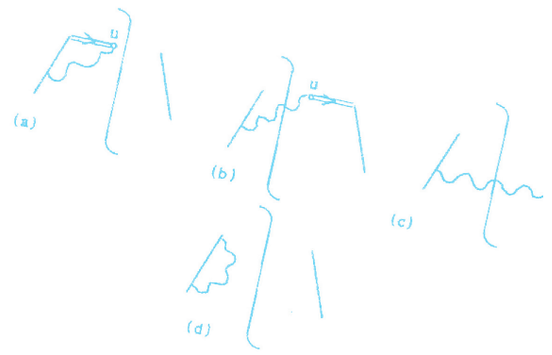
27 September 2018

18:00 h, DESY Auditorium
Notkestraße 85 | 22607 Hamburg | Germany
http://www.desy.de/hertz



Accelerators | Photon Science | Particle Physics

Deutsches Elektronen-Synchrotron
A Research Centre of the Helmholtz Association



The contemporary theory of fundamental forces can be pictured as just a handful of particle species, acting among themselves according to a few simple rules. This theory can in principle account for the richness of the visible universe. It results from a centuries-long process of speculation and investigation, culminating in the language of quantum field theory. Yet every successful theoretical framework defines its own limitations, and suggests new questions and criteria. Looking back and ahead, I'll give a perspective on our current theories and viewpoints, and on how future developments may be influenced by evolving ideas in theoretical physics, by high energy experiments at accelerators, and by exquisite observations of the faintest cosmic signals.

Heinrich Hertz
1857 Hamburg-Karlsruhe-Bonn 1894

Restaurants near DESY
(for more info, see printed lists near registration desk)

No food on campus in the evenings

Name	Location	Cuisine	Information
Restaurants near DESY:			
Die Bäckerei	Osdorfer Landstr. 4	Italian	040-33 31 09 14
Restaurant Landhaus Flottbek	Baron-Voght-Str. 179	International	http://www.landhaus-flottbek.de
Restaurant Champus	Beselerstr. 35	German	040-89 06 53 50
Restaurant Mahlzeit	Albert-Einstein-Ring 8	Asian	040-80 03 03 08
Blockhouse	Waitzstr. 1	Steakhouse	http://www.block-house.de
Ristorante Panetteria	Osdorfer Landstr. 4	Italian	040-89 06 48 02
L'Incontro, il Bistro	Ebertallee 232	Italian	http://www.lincontro.info/bahrenfeld/index.php
Restaurant Quellental	Quellental 36 Near Klein Flottbek station	Mediterranean	www.quellental-restaurant.de
Don Quichotte	Osdorfer Landstr. 162	International	www.osdorfermuehle.de
Lühmann's Teestube	Blankeneser Landstr. 29	English, Vegetarian	www.luehmanns-teestube.de
Restaurant „Le Jardin" im Hotel Merkure Am Volkspark	Albert-Einstein-Ring 2	Regional	040-89 95 20

WIFI

1) Network name: TH-Workshop-2018

password (WPA/WPA2-PSK): ooteeP7quoom

2) Eduroam

3) DESY-guest (need to register)

DESY THEORY WORKSHOP
25 - 28 September 2018

HELMHOLTZ
RESEARCH FOR GRAND CHALLENGES

Particle Physics Challenges

DESY Hamburg, Germany

DESY.

Information

WLAN	Conference WLAN Network name: **TH-Workshop-2018** Password: **ooteeP7quoom**

Hostel	Check In Time: 2:00 pm Check Out Time: 10:30 am

Coffee breaks	Plenary sessions: bldg. 5, foyer of the auditorium Parallel sessions: bldg. 5, foyer of the auditorium + bldg. 1b, foyer in front of SR 4a/b

See printed copies near registration desk.

beware of road construction around DESY

Cash machine	A cash machine is located in the foyer of canteen-building 9

Taxi to the airport	Please contact the registration desk

Public transport to airport	Take bus 1 from station DESY/Zum Hühnengrab (direction Altona) to S-Bahrenfeld, change at S-Bahrenfeld to S-Bahn S1 to airport (first three wagons). You only need to buy one ticket (3,30 €, the bus driver sells tickets).

Supermarkets	**Lidl**, from main entrance – Notkestraße – turn right and follow the street (~800 m). It will be clearly visible on the left of the street at the next junction.

The organising team
(to whom addresses questions/complaints…)

Secretaries: Cristina Guerrero, Inna Henning and Julia Herrmann



Chair: Michael Krämer (Aachen)

Local organisers: Christophe Grojean & Frank Tackmann