

DESY Summer Student Program 2016.



Welcome!

Science

DESY

Fun

Summer

Lectures

Organisation



People

> Your supervisor and research group

- In case of questions: first ask supervisor, then anybody from the following list

> Organization

- Katrin Varschen (secretary)
- Gernot Maier (coordination)

> You (students)

- **>95** candidates, **18** accepted
- Statistics:
1 Namibia, 3 Spain, 1 Ukraine, 1 Germany, 1 Norway, 1 India, 2 Turkey, 1 China, 1 Kazakhstan, 1 Malaysia, 1 Czech, 2 UK, 1 Thailand, 1 Croatia



Summer students...

	Last Name	First name	Country			Gruppe	Büro
01.	Shiningayamwe	Kleopas	Namibia	m		HESS	2L46
02.	Canas Herrera	Guadalupe	Spanien	f		THAT	3L13/3
03.	Alvarez García	Rafael	Spanien	m		THAT/NEUCOS	2R02
04.	Lebiga	Olga	Ukraine	f		THAT	2L11
05.	Herren	Florian	Deutschland	m		THEO	3L14
06.	Aguirre Santaella	Alejandra	Spanien	f		CTA	2L12
07.	Iteba	Afsa	Norwegen	f		DLAB	1H105
08.	Chatterjee	Meghranjana	Indien	f		ATLAS-DLAB	3L38
09.	Cekmecelioglu	Yusuf	Türkei	m		ATLAS	3L33
10.	Xu	Wei	China	m		ATLAS	3L31
11.	Kantay	Gulnur	Kasachstan	f		PITZ	1L28
12.	Tou	Da Yu	Malaysia	m		PITZ	1L28
13.	Novák	Andrzej	Tschechien	m		ICECUBE	2L04
14.	Spencer	Samuel	Großbritannien	m		ICECUBE	2L14
15.	Demirok	Seyda	Türkei	f		ICECUBE	2L04
16.	Wongphecauxom	Jompoj	Thailand	m		CTA	2L41
17.	Leason	Elisabeth	Großbritannien	f		CTA	2L19
18.	Kozuljevic	Ana Marija	Kroatien	f		MAGIC	1L28

select on contact person



Overview over the next weeks - dates

> Project work in research groups

- Guided by advisors in your research group

> Lectures

> Excursion to DESY in Hamburg

- General introduction, PETRA II, FLASH, XFEL, HERA, ALPS
- When: August, 18-19 + Weekend

> Project Presentations

- ~~August, 5th: present research topic in 5 minutes (need to find a new date)~~
- September, 7th-8th: talk of 10 minutes, <10 slides

> Project Reports

- Summarise your work in less than 10 pages
- Deadline: September, 5th

WWW-page

[https://indico.desy.de/
conferenceDisplay.py?confId=15594](https://indico.desy.de/conferenceDisplay.py?confId=15594)



Date	Topic	Speaker
19.7	Introduction	G.Maier (10:30: Safety Briefing)
19.7	Warm-up Party	–
20.7	DESY in Zeuthen	C.Stegmann
21.7	Computing	S.Wiesand
22.7	Computing + Fuehrung	S.Wiesand
25.7	Introduction to the Standard Model I	K.Lohwasser
26.7	Introduction to the Standard Model I I	K.Lohwasser
27.7	Introduction to the Standard Model I II	K.Lohwasser
28.7	Accelerator Physics I	P.Castro
29.7	Accelerator Physics II	P.Castro
1.8	Photoinjector PITZ, I	G.Loisch
2.8	Photoinjector PITZ, II	G.Loisch
5.8	Students project presentations	
7.8	Berlin trip	–
9.8	Neutrino Physics I	W.Winter
10.8	Neutrino Physics II	W.Winter
11.8	LHC I	I.Bloch

12.8	LHC II	I.Bloch
15.8	Cosmology I	M. Rigault
16.8	Cosmology II	M. Rigault
17.8	Cosmology II	M. Rigault
18.8/19.8	HH trip	–
22.8	Astroparticle Physics 1	G.Maier
23.8	Astroparticle Physics 2	G.Maier
24.8	Astroparticle Physics 3	G.Maier
25.8	Lattice Gauge Theory	C.Alexandrou
1.9	Perturbative QCD I	J.Blümlein
2.9	Perturbative QCD II	J.Blümlein
7.9	Final student reports	
8.9	Final student reprots	

all lectures start at 9:30 am



Trips



DESY Hamburg



XFEL 2015



CTA 2015



Berlin

(need to organise this)



Organisation & Paper work

> Info folder

- Check that you've submitted all forms
- Put missing papers in envelope and return to Katrin Varschen
- Laufzettel, maps

> Payment € 1000/month

- All EU members: money will be transferred to your bank account
- All non-EU members: money in cash end of the month
- Accommodation automatically subtracted, telephone by invoice

> Office keys – here, after the introduction (Frau Rückert)

> DESY computing account

- See Mr. Partsch in computer centre (somebody from your group will bring you there)
- Sign form
- Laptop registration via webform (send me your MAC address)



Survival - housing and food

> Your rooms

- Check leaflet in your folder and rules in your rooms
- In case of damage: you are charged!
- Try to leave your room **clean** - your mother does not live here...
- Common mailbox exists in the mail room 2L30
→ declared as **summer students**

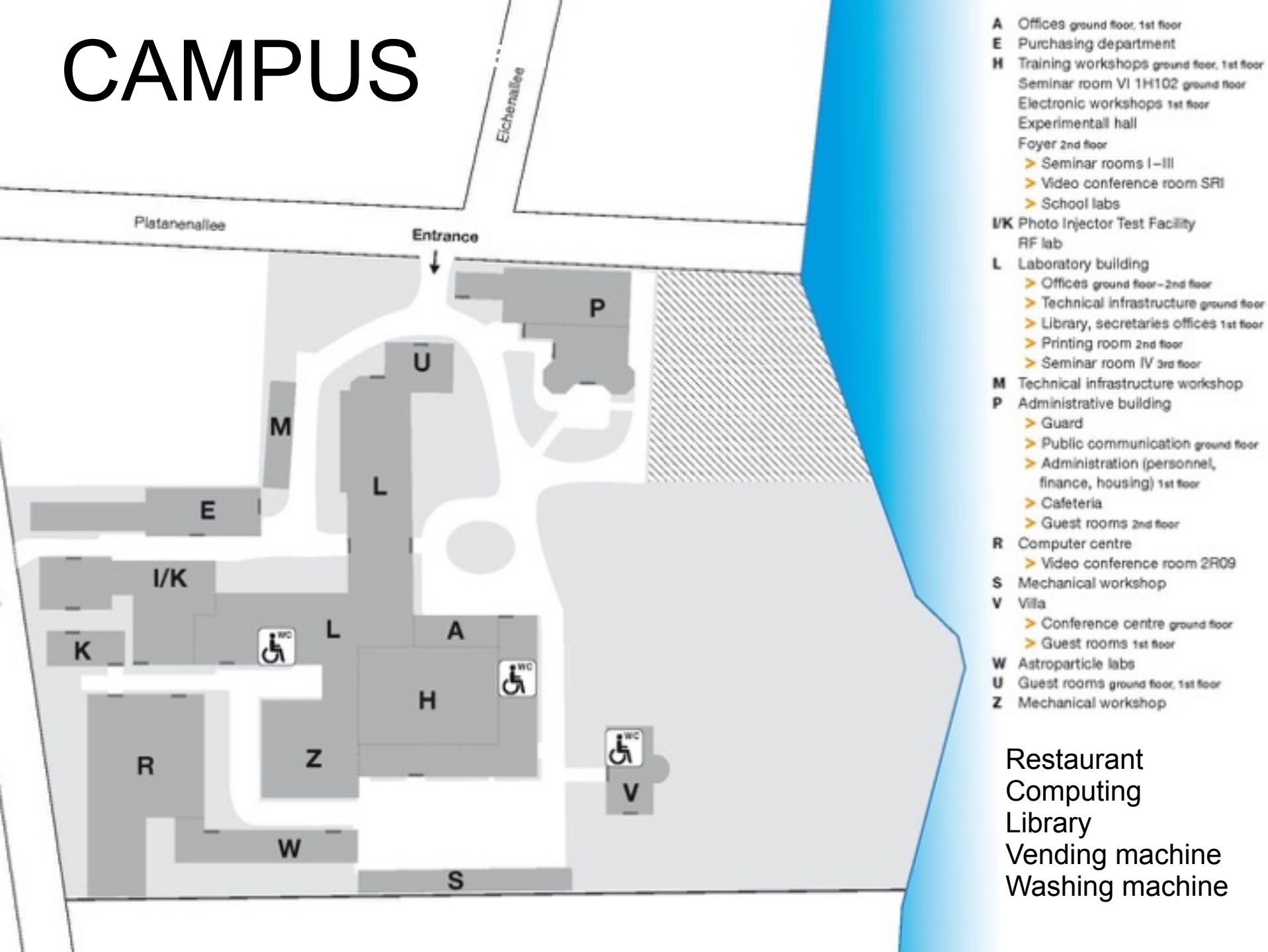
> Canteen

- Breakfast from 8:00 - 10:30
- Lunch time from 11:30–13:30 | 3,00–5,50 € per meal
- No dinner in the canteen (also closed on the weekend)
You have to cook yourself (try not to burn down the institute)

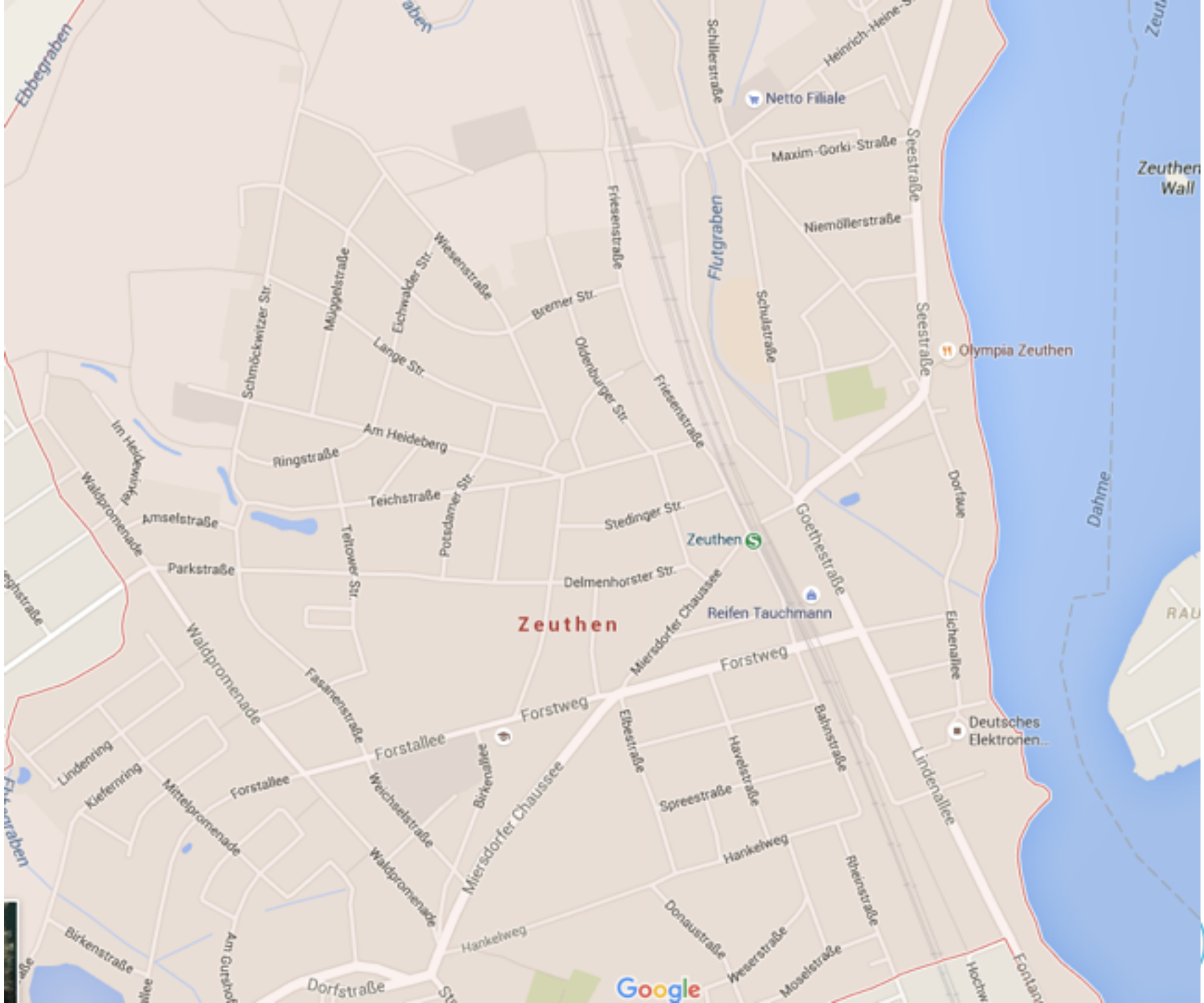
> Shops - a few minutes away



CAMPUS



Zeuthen



GERMAN LESSONS.

For summer students
with little or no experience



Starting from 27 July 2016 always on Wednesday
at 17:00–20:00 in seminar room 1H102

Zeuthen attractions I



- Restaurants: Greek, Italian, Chinese, Argentinian, Ice cafe.
Check: www.zeuthen.de
- Shops: Bioshop, bakery
- Sports: swimming, running, rent a boat and rent a bike
- football, volleyball, etc.

Zeuthen attractions II

- > Use the weekends and travel around
- > Berlin
- > Potsdam
- > Spreewald
- >

Berlin excursion



<http://www.s-bahn-berlin.de>

Music



Talk to Karl Jansen & Julia Volmer

Enjoy! Science is fun.



> Don't forget for today

- now: safety instructions
- your supervisor will pick you up
- 16:00 welcome party at the DESY canteen / lake