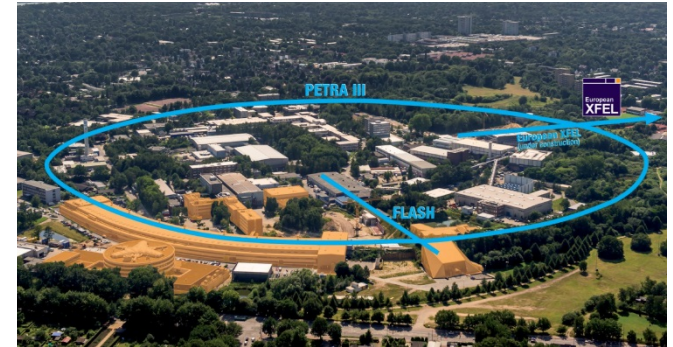


Summer Students Programme 2014.



What to expect

- > Project work in research groups
 - Guided by supervisor
- > Excursion to DESY in Hamburg
 - General introduction, HERA Tunnel, FLASH, Hamburg at night
 - When: 7–8 August, guided by Karl Jansen
- > Project Presentations
 - 6 August, present research topic, 5 minutes
 - 10–11 September, talk of 10 minutes, <10 slides
→ make the other students **understand**
- > Project Reports
 - Summarize your work, <10 pages
 - Dead line: 5 September



News and changes

<http://summerstudents.desy.de/>

Your page

<http://www-zeuthen.desy.de/students/2014>
(/afs/ifh.de/www/doc/students/doc/2014)



> Lecture series on selected topics

- In seminar room 1
- The schedule can change – see the information on the summer students web page
- Lectures always start at 10:30 and should last between 1h and 1,5h

22.07.	Opening (10:00)	Karl Jansen
23.07.	DESY in Zeuthen	Christian Stegmann
24.07. 25.07.	Computing in Zeuthen	Stephan Wiesand
	Safety instruction	Ronald Zinke
29.07. 30.07.	Introduction to the Standard Model	Jessica Lynn Leonard
31.07. 01.08.	Accelerator Physics	Pedro Castro-Garcia
04.08.	Photoinjector PITZ, I	Galina Asova
05.08.	Photoinjector PITZ, II	Igor Isaev
06.08.	Students intermediate reports	
07.08. 08.08.	Excursion to Hamburg	
11.08. 12.08.	LHC Experiment	Ingo Bloch
19.08.	Lattice Gauge Theory	Dina Alexandrou
21.08. 22.08.	ILC	Sabine Riemann
25.08. 26.08.	Neutrino Physics	Walter Winter
28.08. 29.08.	Astroparticle Physics	Gernot Maier
01.09. 02.09.	Perturbative QCD	Johannes Bluemlein
10.09. 11.09.	Final student reports	



> Organization

- Sabine Baer, Katrin Varschen (secretary)
- Ulrike Behrens, Martina Mende (public relations)
- Silvia Rückert (accommodation)
- Karl Jansen, Gernot Maier (coordination)

> Questions

- first ask supervisor, then anybody from the list including me

> Students (see also information in the map)

- **78** candidates, **20** accepted
- Statistics: **1** Armenia, **1** Belgium, **5** England, **1** China, **1** Indonesia, **6** Italy, **1** Lithuania, **2** Poland, **1** Russia, **1** Spain

> Now please introduce yourself: name, country, group, hobbies



> Info folder

- Check your missing items
- Put in envelope and return to Sabine Baer
- Laufzettel, maps

> Payment € 1000

- All EU members: money will be transferred to your bank account
- All non-EU members: money in cash 31.7.2014
- Accommodation automatically subtracted, telephone by invoice

> Computer account (see flyer)

- See Mr. Partsch in computer centre
- Sign form
- Laptop registration via webform
<http://register.ifh.de/cgi-bin/register?conf=notebook>

> Your rooms

- Check leaflet in your folder and rules in your rooms
- In case of damage: you are charged!
- Leave room **clean**
- Common mailbox exists in the mail room 2L30
→ declared as **summer students**

> Canteen

- Breakfast from 7:30
- Lunch time from 11:30–14:00 | 3,00–5,50 € per meal
- No dinner – you have to cook yourself



Registration Documents

- > All students please provide
 - Tickets or copy (originals if possible)
 - Students certificate (if not sent already)
 - Passport and visa (if necessary)
 - Health insurance: to be done by yourself
 - Liability insurance: copy or to be done via DESY (6,10 € per month)

- > Put all in envelope and return to Sabine Baer

- > Cash only if forms completed



The Institute



- A** Offices ground floor, 1st floor
- E** Purchasing department
- H** Training workshops ground floor, 1st floor
Seminar room VI 1H102 ground floor
Electronic workshops 1st floor
Experimentall hall
Foyer 2nd floor
 - > Seminar rooms I-III
 - > Video conference room SRI
 - > School labs
- I/K** Photo Injector Test Facility
RF lab
- L** Laboratory building
 - > Offices ground floor-2nd floor
 - > Technical infrastructure ground floor
 - > Library, secretaries offices 1st floor
 - > Printing room 2nd floor
 - > Seminar room IV 3rd floor
- M** Technical infrastructure workshop
- P** Administrative building
 - > Guard
 - > Public communication ground floor
 - > Administration (personnel, finance, housing) 1st floor
 - > Cafeteria
 - > Guest rooms 2nd floor
- R** Computer centre
 - > Video conference room 2R09
- S** Mechanical workshop
- V** Villa
 - > Conference centre ground floor
 - > Guest rooms 1st floor
- W** Astroparticle labs
- U** Guest rooms ground floor, 1st floor
- Z** Mechanical workshop



Offering a German course

GERMAN LESSONS.

Summer courses
starting 29 July 2014



Course 1 for beginners

- > Starting 29 July – 2 September 2014
- > Tuesday 17:00 – 18:30
- > Room 1H102

Course 2 for beginners with some knowledge (A1)

- > Starting 29 July – 2 September 2014
- > Tuesday 18:45 – 20:15
- > Room 1H102

Beschleuniger | Forschung mit Photonen | Teilchenphysik

Deutsches Elektronen-Synchrotron
Ein Forschungszentrum der Helmholtz-Gemeinschaft



> Course 1 for beginners

- 29 July to 2 September 2014
- Tuesday 17:00 – 18:30
- Room 1H102

> Course 2 for beginners with some knowledge

- 29 July to 2 September 2014
- Tuesday 18:45 – 20:15
- Room 1H102



Zeuthen attractions I



Zeuthener See

- Restaurants: Greek, Italian, Chinese, Ice cafe. Check: www.zeuthen.de
- Shops: Kaiser's supermarket, Bioshop, bakery
- Sports: swimming, running, rent a boat and rent a bike

Zeuthen attractions II



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

What about a common boat tour?

- Relaxed boat trip
- 3 August 2014, starting at 14:00 from *Jannowitzbrücke*
- End 17:15 → early dinner at Chinese restaurant



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What about some music?



Finally

- Enjoy your stay and good success for your work!



- We invite to snacks and drinks:
 - 17:00 at the DESY canteen