

Welcome to the 2009 DESY in Zeuthen Summerstudent Programme!

Karl Jansen



What to expect

- **Project work in research groups, guided by supervisor**

- **Excursion to DESY Hamburg**

- General Introduction,
Flash, Petra III, Hamburg at night
- When: August 13-15, guided by



- **Project Presentations**

- August 5, present research topic, 5 minutes
- September 9/10, talk of 10 minutes, < 10 slides
⇒ make the other students understand

- **Project Reports**

- Summarize your work, < 10 pages
- dead line: September 4

- **Websites**

- <http://www-zeuthen.desy.de/summerstudents/> (← news/changes)
- [/afs/afh.de/www/doc/students/doc/2009](http://afs/afh.de/www/doc/students/doc/2009) (← your page)

Summerstudent Lectures

Lectures for DESY Summer Students 2009 in Zeuthen

Besides daily work in the groups lecture series on selected topics are given. They take place in the seminar room 1 on the top floor of the experimental hall. The schedule can change - please watch the information on the summer students web page. Lectures always start at 10.00 a.m.

21.07.	Opening Session	K. Jansen	(SR1)
22.07.	Computing in Zeuthen	S. Wiesand	(SR1)
23.07.	Computing in Zeuthen	S. Wiesand	(SR1)
24.07.			
27.07.	Introduction DESY	U. Gensch	(SR1)
28.07.	Introduction to Particle Physics (Followed by a (mandatory) safety instruction)	Th. Naumann	(SR1)
29.07.	Introduction to Particle Physics	Th. Naumann	(SR1)
30.07.	Introduction to Particle Physics	Th. Naumann	(SR1)
31.07.			
03.08.	LHC Theory	S. Moch	(SR1)
04.08.	LHC Theory	S. Moch	(SR1)
05.08.	Introduction to Lattice QCD	D. Renner	(SR1)
06.08.	Electroweak Physics	W. Lohmann	(SR1)
07.08.	Electroweak Physics	W. Lohmann	(SR1)
10.08.	Accelerator Physics	W. Decking	(SR1)
11.08.	High Brightness Electron Beams	M. Krasilnikov	(SR1)
12.08.	Students intermediate reports		
13.08. - 14.08.	Excursion to Hamburg,	K. Jansen	
17.08.			
18.08.	Photon-Injector-Test-Stand-Zeuthen and XFEL,	F. Stephan	(SR1)
19.08.	Experiments with Synchrotron radiation	S. Roth	(SR1)
20.08.	LHC Experiment	U. Husemann	(SR1)
21.08.	LHC Experiment	U. Husemann	(SR1)
24.08.	A walk through cosmology	C. Spiering	(SR1)
25.08.	Astroparticle Physics	P. Majumdar	(SR1)
26.08.	Astroparticle Physics	P. Majumdar	(SR1)
27.08.	Flash	R. Treusch	(SR1)
28.08.			
31.08.	Introduction to QCD	J. Blümlein	(SR1)
01.09.	Introduction to QCD	J. Blümlein	(SR1)
02.09.	Future Linear Colliders	S. Riemann	(SR1)
03.09.			
04.09.			
09.09. + 10.09.	Final Students Reports		(SR1)

people

- **Organization**

- Sabine Baer (secretary)
- Ulrike Behrens (technical support)
- Martina Mende (public relations)
- Silvia Rückert (accommodation)
- Karl Jansen, Thomas Naumann (coordination)

- **Questions**

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

- **Students**

- 48 candidates, 16 accepted
- statistics: 1 British, 1 Armenien, 1 American, 1 Austrian, 1 Italian, 1 Spanish, 1 Georgian, 1 French, 1 Thai, 1 Israeli, 1 Chinese (canceled), 5 German

- **Now:** please introduce yourself, name, country, group, hobbies, instrument?

Organization

- **Info Folder**

- check your missing items
- put in envelope → return to Sabine Baer
- Laufzettel, maps

- **Payment €920 (extern) €770 (resident)**

- initial part €400 tomorrow in cash (only foreigners)
- rest later (transfer to German bank account end of month)
- accommodation automatically subtracted; telephone by invoice

- **Computer account (see flyer)**

- see Mrs. Wassberg/Mr. Partsch in computer center
- sign form
- laptop registration via webform
<http://register.ifh.de/cgi-bin/register?conf=notebook>

Housing

- **Your rooms**

- check leaflet in your folder and rules in your rooms
- in case of damage: you are charged!
- common mailbox exists in the mail room
 - declared as *summerstudents*

- **Canteen**

- Breakfast: 7:30am
- Lunch time: 11:30-13/14:00h 2,50-4,50€ per meal
- Dinner: none (you have to cook yourself)

Registration Documents

- **All students**

- tickets, or a copy (originals if possible)
- students certificate (if not sent already)

- **All British, Armenien, American, Austrian, Italian, Spanish, Georgian, French, Thai, Israeli**

- passport and visa (if necessary)
- health insurance: to be done via DESY, if not available (99,-€ /month)
- liability insurance: copy or to be done via DESY (5,60€ /month)
- form for the foreign office (Ausländeramt) (only foreigners with visum)

- **All Germans**

- Lohnsteuerkarte
- SV-Ausweis or copy, at least SV-number
- health insurance: copy
- liability insurance: copy or to be done via DESY

⇒ **put all in envelope and return to Sabine Baer**

⇒ **cash only if forms completed**

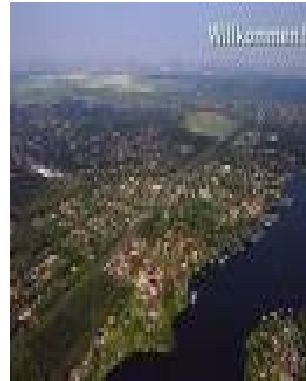
The Institute



Zeuthen attractions I



The lake



The village

- restaurants (Greek, Italian, Chinese, Ice cafe) check:
<http://www.zeuthen.de/>
- shops: Kaiser's, Bioshop
- sports: swimming, running, rent a boat, rent a bike

Zeuthen attractions II



watch S-Bahn chaos: <http://www.s-bahn-berlin.de/>

learn words: Zurückbleiben bitte, dieser Zug fällt aus, Schienenersatzverkehr

Finally

- **Enjoy your stay and good success for your work!**
- We invite to snacks and drinks:
5:00pm, Canteen Zeuthen