

DESY Summer Student Program 2016



Orga-team: Olaf Behnke, Doris Eckstein, Rainer Gehrke, Ute Micheelsen, Andrea Schrader

The 86 Summer students at DESY Hamburg come from 28 Nations

- Bangladesh, Belgium, Bulgaria, Belarus, China, Cuba, Cyprus,
- France, GB, Germany, Greece, Hungary, India, Ireland, Italy,
- Kirgizstan, Lithuania, Mexico, Netherlands, Pakistan, Poland,
- Russia, Slovakia, Spain, Sweden, Thailand, Ukraine, Venezuela

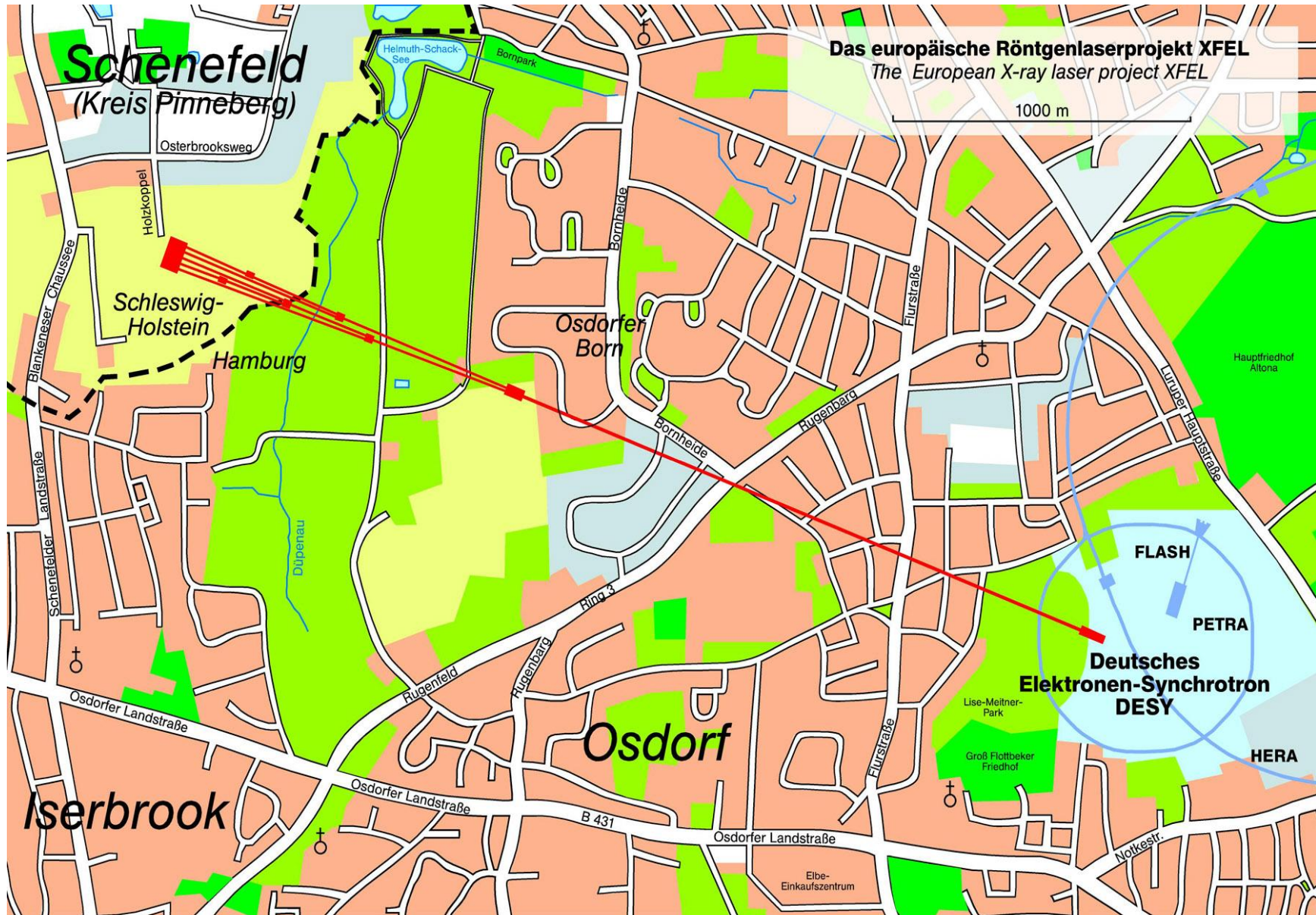
**NICE TO
MEET YOU!**

DESY site in Hamburg



We are HERE now

DESY and XFEL (today/future)



The DESY Site :

Photon Science Lectures in room 25F 456

U. Micheelsen 25f/259

R. Gehrke 25b/221

A. Schrader 1e/01.518

HEP Lectures in SR2

Some Lectures in SR4

O. Behnke 1a/01.132

D. Eckstein 1a/02.113

Canteen extension

Canteen & Cafeteria

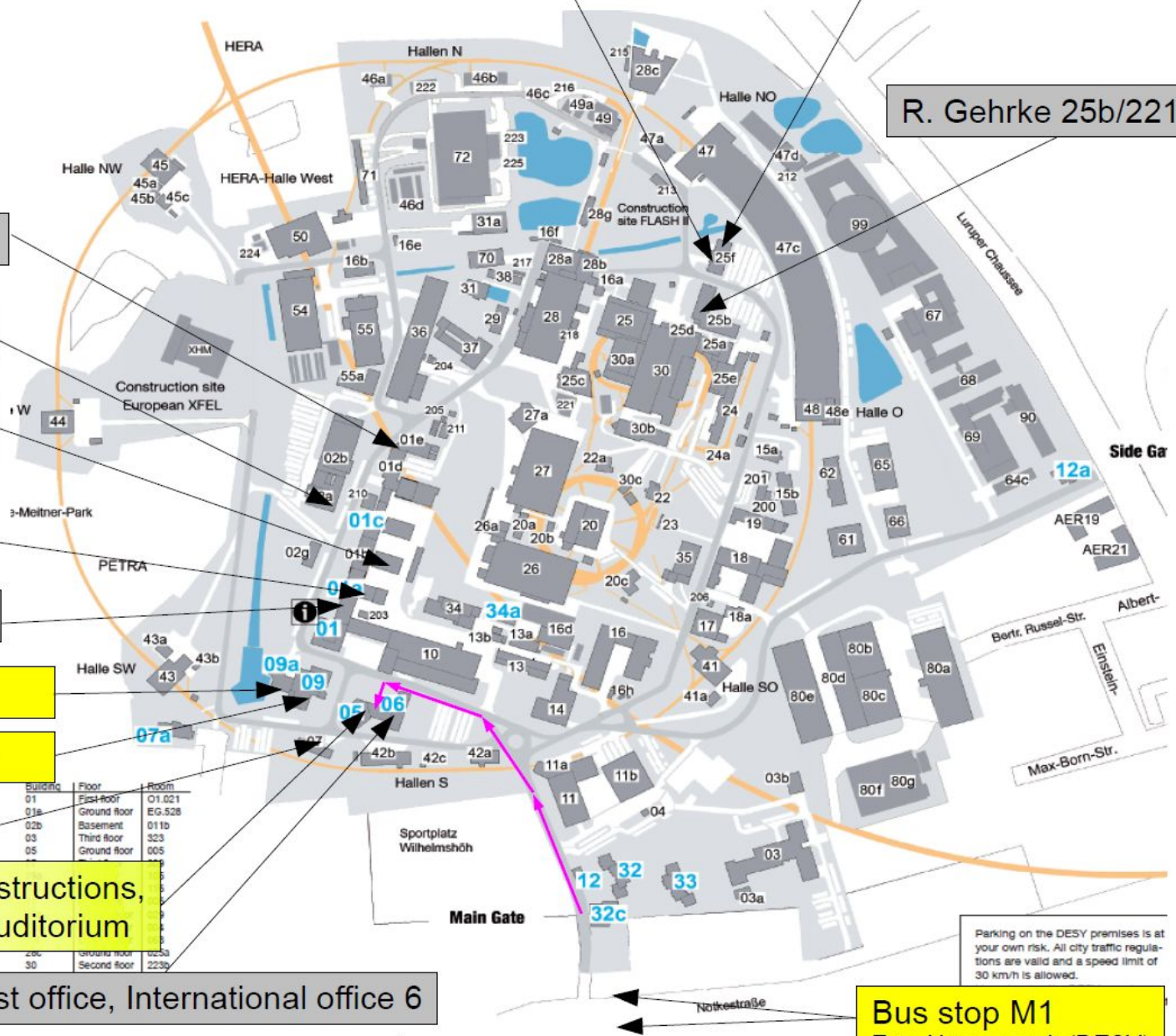
Administration 7

Welcome session, safety instructions,
First lectures 19-26th july Auditorium

Guest office, International office 6

Bus stop M1
Zum Huenengrab (DESY)

DESY Summer Student Program 2016



Parking on the DESY premises is at your own risk. All city traffic regulations are valid and a speed limit of 30 km/h is allowed.

Organizational matters

Organisers :

- **Olaf Behnke, Doris Eckstein, (Andrea Schrader)** ← **HEP (B)**
- **Rainer Gehrke, Ute Micheelsen** ← **Photon Science**
(A)

For all communications with us, please write
to summie-org@desy.de

Your Research Projects at DESY :

- **Program A:**

Experiments with Synchrotron Radiation (**Photon science**)

- engage in fundamental and applied research in physics, biology, chemistry, crystallography, material and geological science.
- Some few students will work in the European XFEL project.

- **Program B:**

Research in Elementary Particle Physics (**High energy Physics**)

- experiments ATLAS, CMS, FLC (international linear e^+e^- collider) , Belle II, ALPS II at DESY
- Accelerator: e^+e^- linear collider , plasma wake field
- Theory: Collider phenomenology (QCD, Higgs, etc.)
- Scientific computing: grid, cloud, ..

Project work in local groups

- You will be picked up later by your supervisor(s)
- Your supervisor **is your most important contact person at DESY** (you can ask her/him almost anything)
- In case of questions related to your work ask your supervisors or the group secretaries

What you can expect + recommendations

- You will be fully integrated into your research team and work like a “normal” DESY researcher, 39h per week (this includes the time for attending the lecture program)
- Be proactive, not shy, ask your supervisors or other members of your team for help and advise, give feedback, participate in group meetings and present your results
- At the end you will write/deliver a ~10 pages write-up of your project work (with help by supervisors)

Computing infrastructure at DESY

- DESY has its own **computing centre** in bld. 2B (worth a visit) providing an excellent computing infrastructure
- At your workplaces internet download/upload speeds can reach 240/30 Mbit/s
- At the hostel you can only use the following **WLANs**:
 - DESY Guest Net (a bit slow, easy registration with web interface)
 - Eduroam (have to register)
- **Software:** For mathematica, matlab and origin DESY has only a limited number of licenses: Every user is asked to run only one process at a time and please close the program if it is not used anymore.

Lecture programme: hold by DESY researchers to elucidate/provide the background for the DESY scientific

July 20 - 26 (plus august 10,12 and 22) : Common lectures for all students

https://summerstudents.desy.de/hamburg/lecture_programme_general_and_high_energy_physics_2016/

From 27th july on:

Separate lectures for Particle Physics (B1-B6) students

https://summerstudents.desy.de/hamburg/lecture_programme_general_and_high_energy_physics_2016/

Separate lectures for Photon Science (A) students

http://photon-science.desy.de/news__events/summer_students/lectures/program_2016_photon_science___sr/index_eng.html

Please check regularly above webpages for possible programme updates

Communication :

Communication is done via email and web

We will use the email list summie2016@desy.de for all announcements (the list contains your and our orga team email addresses).

You may also write important announcements to this list but please don't spam.

You are expected to check your emails daily

Facebook page:

<https://www.facebook.com/groups/950361228416812>

For exchanging social messages (please do not use for DESY administrative questions/things!)

INFORMATION on WEB :

Main page

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

Message board:

http://www.desy.de/f/students/summer_home_2016.html

Special events and announcements

Summerstudent programme 2016 at DESY - Hamburg

Official announcements for the DESY summer students will be made here. Please read and react. All places mentioned in the following can be found on the [DESY Hamburg map with marked places](#) (or see the [full map.](#))

- Tuesday 19 July, 10:00-11:30, DESY auditorium building 5:
Opening Session
Since the registration also takes place at this occasion please bring all the necessary documents mentioned in [Administrative procedures](#) with you.
- Tuesday 19 July, starting at 18:30, DESY Canteen Extension bld. 9:
Welcome Reception with buffet and drinks
- Wednesday 20 July at 12:15, stairs at the entrance to the foyer of the DESY auditorium:
A photo of the summer students will be taken after the lecture.
- Wednesday 20 July at 17:00, bld. 1b, SR4 (see map):
Start of **German language course**. This is voluntary, for interested persons.
Classification and first steps: Wednesday July 20, 17:30-19:00
Courses: July 27 - September 07, 2016
Beginners: Wednesday 17:30-19:00
Advanced: Wednesday 19:00-20:30
Teacher: Cornelia Johannsen
- Monday 25 July at 14:00 and Tuesday 26 July at 14:00:
Guided tour around the DESY site: the meeting point is the Foyer of the DESY auditorium Please take note that we will split - half of the students can attend monday, the other half tuesday.
Allocation: 20th-22th July, enter your name in the lists in the foyer of the DESY auditorium (e.g. during the breaks between the lectures)

[Program announcement poster](#)

[News Bulletin June 30](#)

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now



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This evening



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Tomorrow



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Practical information on the DESY

campus:

Consult the DESY booklet
http://www.desy.de/46138/Booklet_eng.pdf

You will get a printed version later today

:-)

Checklist for other important
things than working or attending

lectures:

- I want to get from A to B (public transport)
- I want to buy something
- I want to meet with my friends in some nice location
- I want to have dinner in a nice restaurant
- I want to go out after dinner
- I want to do sports

not so official part

Public transport routes/schedule:

http://www.geofox.de/base/initPersonalSchedule.do?STYLE=hbt&LANGUAGE=en_GB

Public transport tickets

www.hvv.de/en/tickets/

No sweat - we'll run you there in comfort!

Mehr als ein Ziel **HVV**

- ▀ Abo-Karte all year travel pass
- ▀ Weekly-/ Monthly season tickets
- ▀ Single tickets
- ▀ Day tickets
- ▀ Service centres / Sales points

search term **Search**

Tickets

No matter how often or how far you intend to travel – we are sure to have the right ticket just for you. All tickets are on offer at fair prices for specific times and areas of validity. Below we have compiled certain key information for your attention. You will find further details on our tickets in the left-hand menu.

And keep in mind: Children under 6 years of age travel free-of-charge on HVV services!

Single Tickets (Einzelkarten)

Single tickets are valid for one trip and 1 person.

New: The Short-trip Ticket – make a short hop at a low price within our HVV Großbereich, the Greater Hamburg Area!

Day Tickets (Tageskarten)

Day Tickets are valid for unlimited travel on the date of issue.

Valid for travel by 1 adult and 3 children (6 to 14 years inclusive), the 9 am Day Ticket is valid after 0900, the All-day Ticket all day long. Also valid after 0900, the am Group Ticket may be used by up to 5 persons.

→ A 9 am Day Ticket can often make sense for just two trips on the day you select, the 9 am Group Ticket even when only two of you are travelling.

Buy Single and Day Tickets from any bus driver or ticket vending machine.

Shell - Konsole
pine - Shell - Konsole
Shell - Konsole <4>

Shell - Konsole <6>
Shell - Konsole <3>
Shell - Konsole <5>

HVV - Tickets - Mozilla Firefox welcome2012.odp - OpenOffice
snapshot7.png - KSnapshot
snapshot8.png - KSnapshot

12:44
Tuesday
2012-07-17

Public transport tickets

Price reduction

Season Tickets (Zeitkarten)

General season tickets

If you intend to travel regularly on HVV services our bargain-price weekly and monthly season tickets are just right for you. Monthly season tickets can also be purchased on direct-debit subscription, ie you authorize us to book the monthly amount due direct from your bank account. Travel for 12 months and only pay for 10.

CC-Ticket off-peak travel passes

If you don't have to travel during peak periods we recommend a CC-Ticket off-peak travel pass. These are valid for 1 person + 3 children (6-14 years inclusive), Mon-Fri 0900-1600 and after 1800, all day long on Sat, Sun or public holidays.

Senior citizen season tickets (Seniorenkarten)

These tickets are valid for 1 person aged 63 years or over, Mon-Fri after 0900 and all day long on Sat, Sun or public holidays.

Reduced-price concessionary season tickets:

Concessionary season tickets are available for children, trainees / apprentices and students.

Season tickets including 1st class

With a season ticket including 1st class you may travel 1st class on regional rail and on SchnellBus limited stop services within the HVV service area.

All HVV season tickets consist of a customer photocard and a corresponding coupon indicating the period of validity. You can obtain the voucher at any HVV service centre where we'll be glad to advise you personally.

Sozialkarte (Welfare Ticket):

Hamburg citizens with a Sozialkarte (Welfare Pass) are entitled to a price concession of 18 Euros respectively per month and person paid by the Free and Hanseatic City of Hamburg on HVV monthly season tickets, the Abo-Karte (all-year travel pass) and ProfiCard (Job Ticket). Information on the Sozialkarte is available on the web pages of hamburg.de (new window).

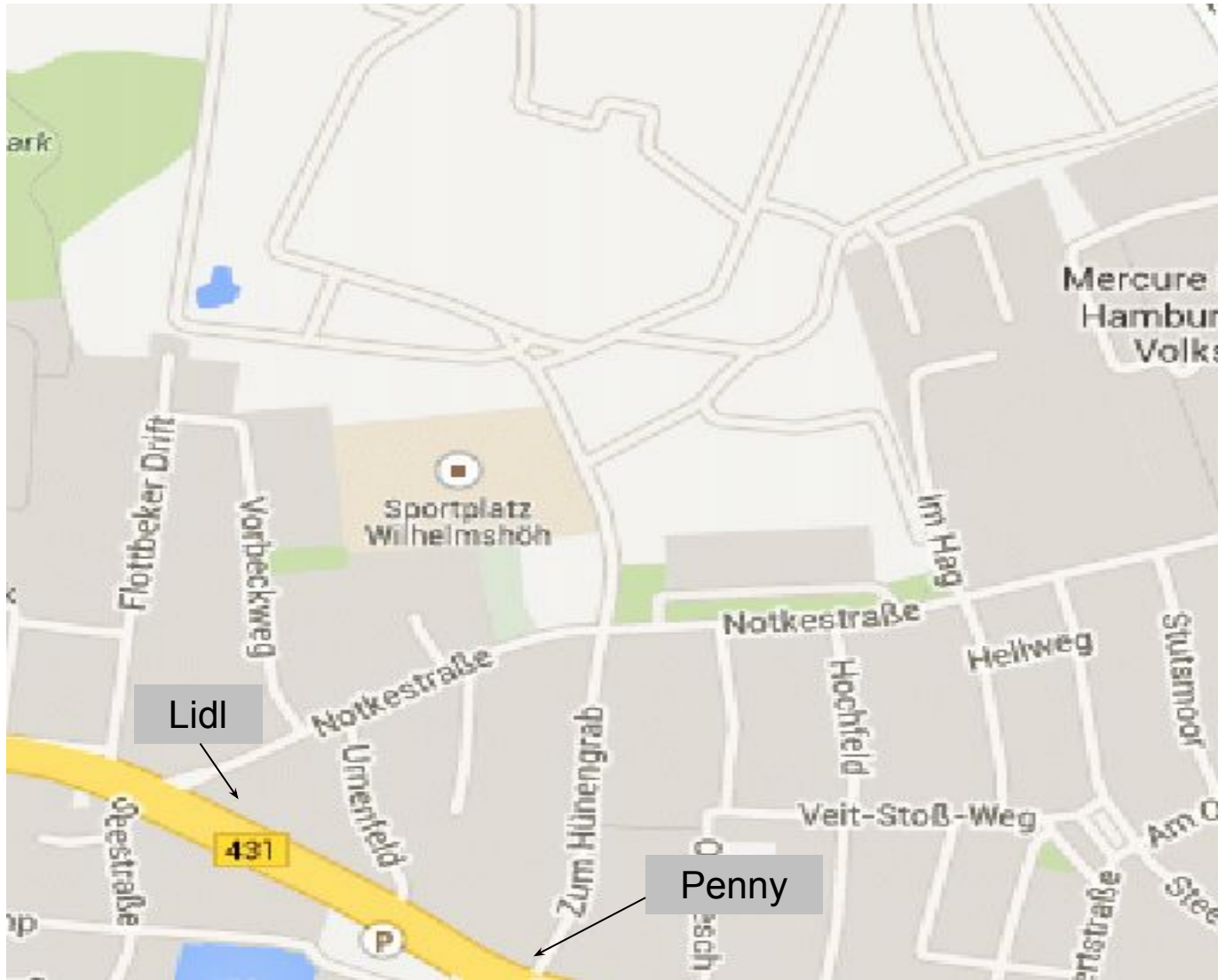
TIP: When planning a trip enter the mask for our HVV Timetable Information service and let the assistant guide you to your personal timetable.

Related link

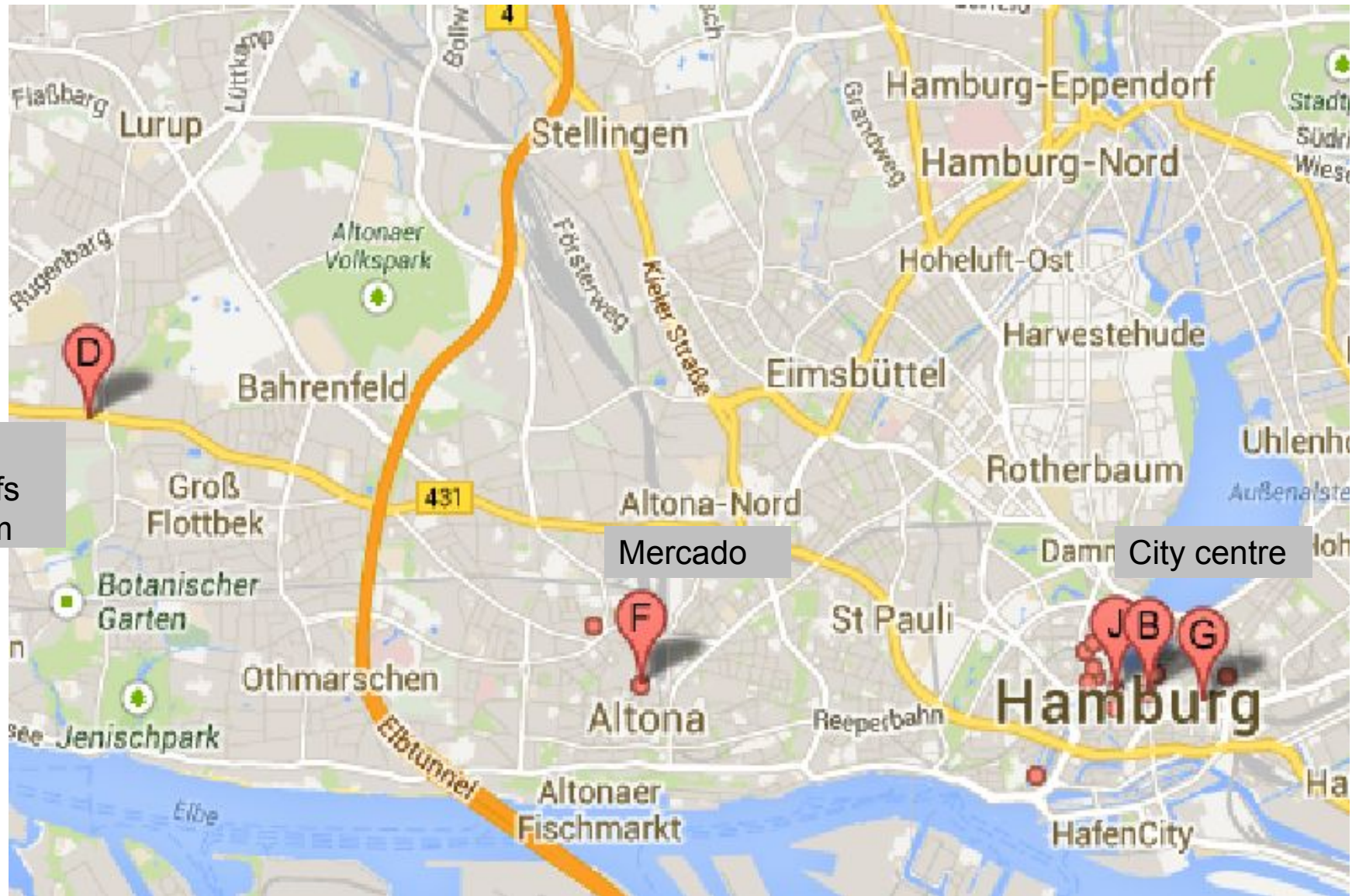
→ [Personal timetable](#)

About us German Sitemap Data Privacy and Protection Publication Data Extranet

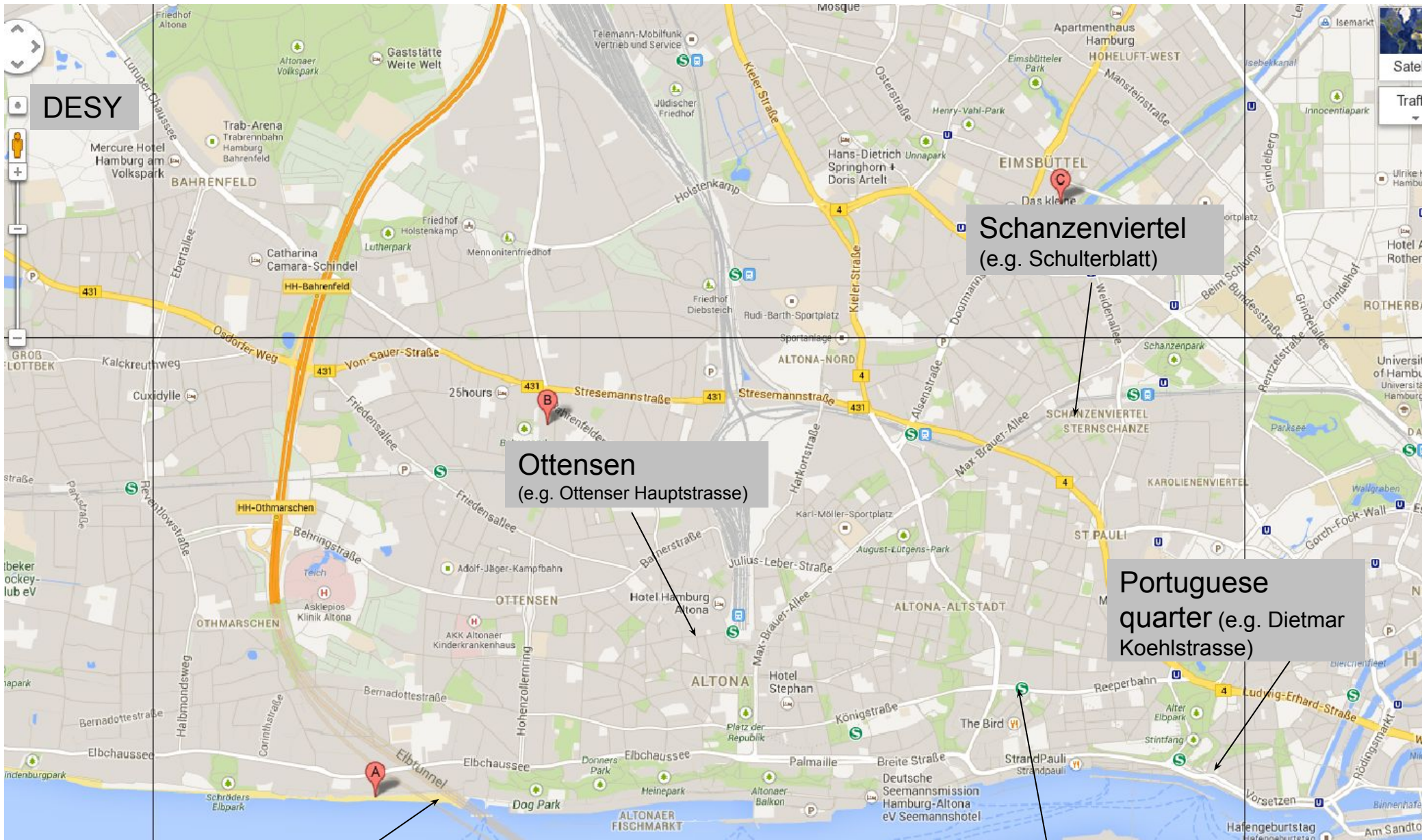
Supermarkets (cheap!)



Some shopping centres



Cool places, Dinner, Nightlife



DESY

Schanzenviertel
(e.g. Schulterblatt)

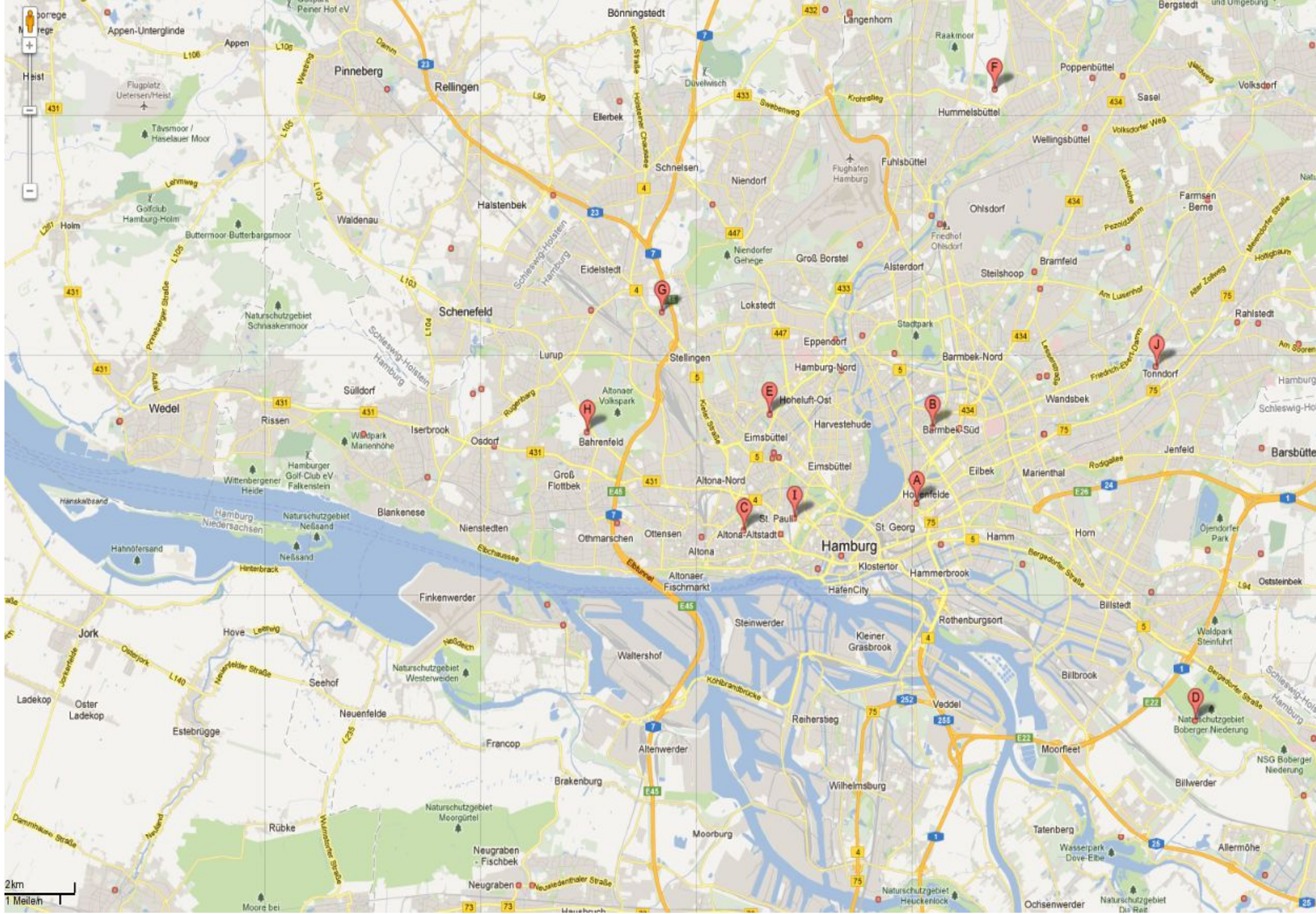
Ottensen
(e.g. Ottenser Hauptstrasse)

Portuguese
quarter (e.g. Dietmar
Koehlstrasse)

Oevelgoenne beach

St. Pauli (e.g. Hamburger Berg)

Sports: swimming pools in Hamburg: google 'Hamburg Schwimmbad'



Beaches in Schleswig Holstein



One out of many possibilities for fitness: vafev.de

Volkspark:
Recreational
Area, jogging
etc.

Sports field which
can be booked,
send an email with name
phone number, date and
time to sportplatz@desy.de

Vafev has some
swimming pool!

Jogging to/at the Elbe (its 2-3 km to there
and very beautiful to run along the Elbe river)

For playing piano:

Music at DESY

There is also a grand piano in the “Große Gästespeiseraum” (dining room, canteen basement) and a piano in the main canteen which can be used after “regular” working hours and subject to availability.

INFO

Annette Klatte tel.: +49 40 8998-2428
annette.klatte@desy.de

Some more miscellaneous information:

- Bikes: cannot be rented at DESY :-(
- One possibility is to rent at <http://stadtrad.hamburg.de>
- Discover Hamburg with a boat – take ferry line 62, you can use normal public transport tickets, the same price as for a bus/train



- Drinking water: in Germany you can drink the water from the tap (it has highest quality, better than mineral water, no need to boil it)

Some more miscellaneous information:



- The picture file is named “Typical_Hamburg_weather.jpg”
- Weather can change quickly here, please check weather forecasts, e.g. search for “wetteronline.de Hamburg”

Some more miscellaneous information:

- Typical Hamburg dishes



Labskaus



Rote Gruetze mit
Vanillesauce

NEXT STEPS :

- Registration (after this talk in the foyer of the Auditorium)

You will meet them all:
So visit first the person
with the shortest queue
of waiting students

- International Office
- Administration
- General
- Travel reimbursement

- ~11h00 Meet your Supervisor in the foyer, chat, visit your work place, have lunch
- 14h00 Library introduction (here in auditorium)
- 14h15 Safety instructions for all B1-B6 students (here)
 - They are essential - directly after the instructions every student has to sign up in the attendance record lists which will be provided in the foyer

Do not forget to join the Welcome Party 18h30 in the DESY Canteen extension