



Universität Hamburg:

Main site located in city center

**Particle Physics & Astroparticle Physics,
Laser Physics, Quantum Optics, Accelerator Science**
located here at **Bahrenfeld Campus**



Deutsches Elektronen Synchrotron:

Accelerator center (3000 guest researchers every year)
locations in **Hamburg - Bahrenfeld** and **Zeuthen** (Berlin)

- Accelerators
- Photon Science
- Particle Physics

Hamburg: LHC (ATLAS & CMS), Belle/BelleII, ALPS,
Zeuthen: Icecube, CTA

*Recently: discussion about DESY joining DUNE
some German groups interested in NEAR Detector (ECAL, CALICE)*

(This year application for Funding period 07/2018-06/2021 of BMBF)

- ▶ **Origin and properties of cosmic neutrinos:** M. Ackermann, M. Usner, F. Bradascio, J. Stachurska, J. van Santen
- ▶ **Multi-messenger follow-up:** E. Bernardini, A. Franckowiak, T. Kintscher, M. Kowalski, K. Satalecka, A. Stasik, N. Strotjohann
- ▶ **Cosmic rays & IceTop upgrades:** T. Karg, S. Kunwar
- ▶ **Oscillations, sterile neutrinos:** S. Blot, A. Terliuk
- ▶ **Gen2 R&D/Sensitivity:** D. Hebecker, T. Karg, S. Kunwar, M. Kowalski, J. van Santen

5 permanent scientists, 4 postdocs, 8 PhD students

(Slide presented yesterday by Summer Blot at PRC83)

**„Historic“ DESY: HERA accelerator (until 2007)
with experiments H1, ZEUS, HERMES**



DESY today: Accelerators used for Photon Science

European XFEL

Röntgenlaser European XFEL

1.7km superconducting electron accelerator

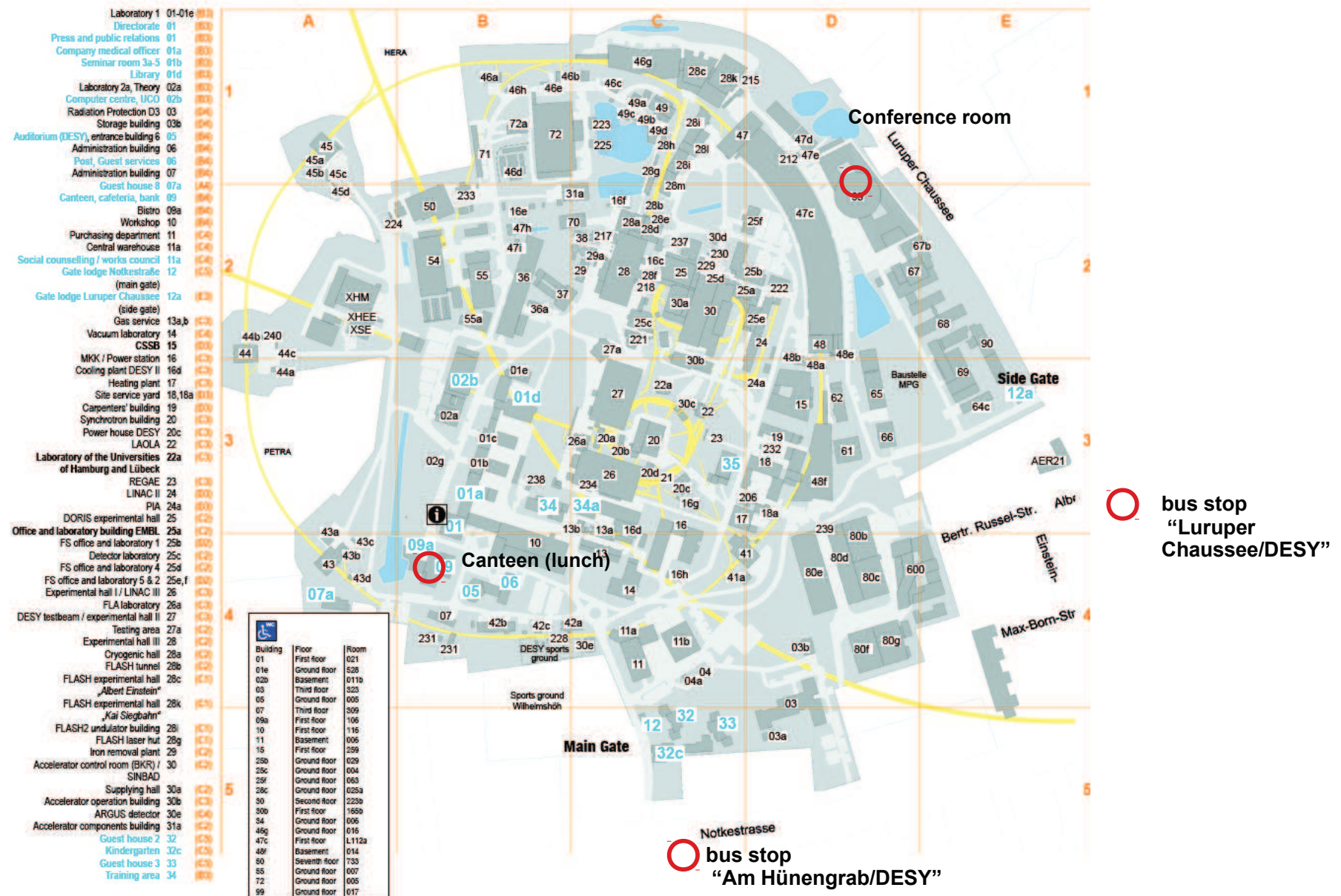




centre of excellence for science at new-generation light sources
by DESY, University of Hamburg and Max Planck Society

Mission: exploit the interdisciplinary possibilities opened up
by the radiation sources at DESY – PETRA III, FLASH and the European XFEL

DESY Sites of Interest



Our Diner on Thursday

- **Diner at 20:00 in restaurant “Blockbräu”**



BLOCKBRÄU

Inside this building

Metro-station
“Landungsbrücken”



Foto 257608 www.bilderbuch-hamburg.de

How to go there

- To get Information about public transportation use:
<http://www.hvv.de/en/index.php>

Timetable info

[change search](#)
[onward journey](#)
[return journey](#)
[route with bike](#)
[new search](#)
[further routes](#)
[overview schedule](#)
[print page](#)

arrival time (favored) 20:00 hours, 23.03.2017 [→ show legend \(new window\)](#)

start: Luruper Chaussee (DESY) [📍](#)

stop	route 1 → Track 📍	route 2 → Track 📍	route 3 → Track 📍
dep Luruper Chaussee (DESY)	19:18	19:28	19:38
line			
direction	Kraftwerk Tiefstack	Kraftwerk Tiefstack	Kraftwerk Tiefstack
arr U Feldstraße	19:38	19:48	19:58
dep Feldstraße (Heiligengeistfeld) [Gleis 1] 📍	19:44	19:54	20:04
line			
direction	Hauptbahnhof Süd - Wandsbek-Gartenstadt	Hauptbahnhof Süd - Wandsbek-Gartenstadt	Hauptbahnhof Süd - Wandsbek-Gartenstadt
arr Landungsbrücken [Gleis 1]	19:47	19:57	20:07
dest.: Landungsbrücken 📍			
journey time (stop - stop)	00:29	00:29	00:29
journey time(start - destination)	00:29	00:29	00:29
of which walking time (changes included)	00:02	00:02	00:02
Singleticket for this route (EUR)	3,20 buy	3,20 buy	3,20 buy

Timetable info

[change search](#)
[onward journey](#)
[return journey](#)
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arrival time (favored) 20:00 hours, 23.03.2017 [→ show legend \(new window\)](#)

start: Zum Hünengrab (DESY) [📍](#)

stop	route 1 → Track 📍	route 2 → Track 📍	route 3 → Track 📍
dep Zum Hünengrab (DESY)	19:22	19:32	19:42
line			
direction	Altona	Altona	Altona
arr S Othmarschen	19:31	19:41	19:51
dep Othmarschen 📍	19:34	19:44	19:54
line			
direction	Poppenbüttel / Hamburg Airport (Flughafen)	Poppenbüttel / Hamburg Airport (Flughafen)	Poppenbüttel / Hamburg Airport (Flughafen)
arr Landungsbrücken	19:47	19:57	20:07
dest.: Landungsbrücken 📍			
journey time (stop - stop)	00:25	00:25	00:25
journey time(start - destination)	00:25	00:25	00:25
of which walking time (changes included)	00:02	00:02	00:02
Singleticket for this route (EUR)	3,20 buy	3,20 buy	3,20 buy

Internet Access

- **Eduroam**
- **DESY Guest Net**

Guest net

General Information

For guests and visitors DESY operates a guest network which can be used by Ethernet (LAN) or wireless (WIFI) after email registration.

Basically, with this network it is possible to access the internet with network-compatible devices. The guest network can be used if you connect your device to the left plug of a network socket or by using the unencrypted WIFI network 'DESY-Guest'.

Registration and Log in Procedure

> If a device is connected to the guest network (via WIFI or LAN) an IP address will be requested - usually automatically - via DHCP. After that you must register by email. It is possible to use all internet browsers to call up any **unencrypted webpage** (<http://...> **NOT** <https://...>). You will then be forwarded automatically to the web portal of the guest network.

Note: The 'desy.de' website can generally also be reached from non-registered guests and devices. Therefore, there will be **no forwarding** to the portal of the DESY guest network from the webpage 'http://www.desy.de'.

> To register to the DESY guest network and to receive the login credentials, please click on "Receive your credentials by EMail".

Fill in the fields: last name, first name and email address and accept the DESY data protection provisions. Confirm your entry details with "**Register**". Your credentials will then be sent by email to the specified email address.

> For the following **five minutes** you have limited access to the Internet to retrieve your emails and access the login data.

> Return to the portal webpage of the DESY guest network (<https://guestnet-portal.desy.de>) and close the temporary connection via "**Terminate Connection**".

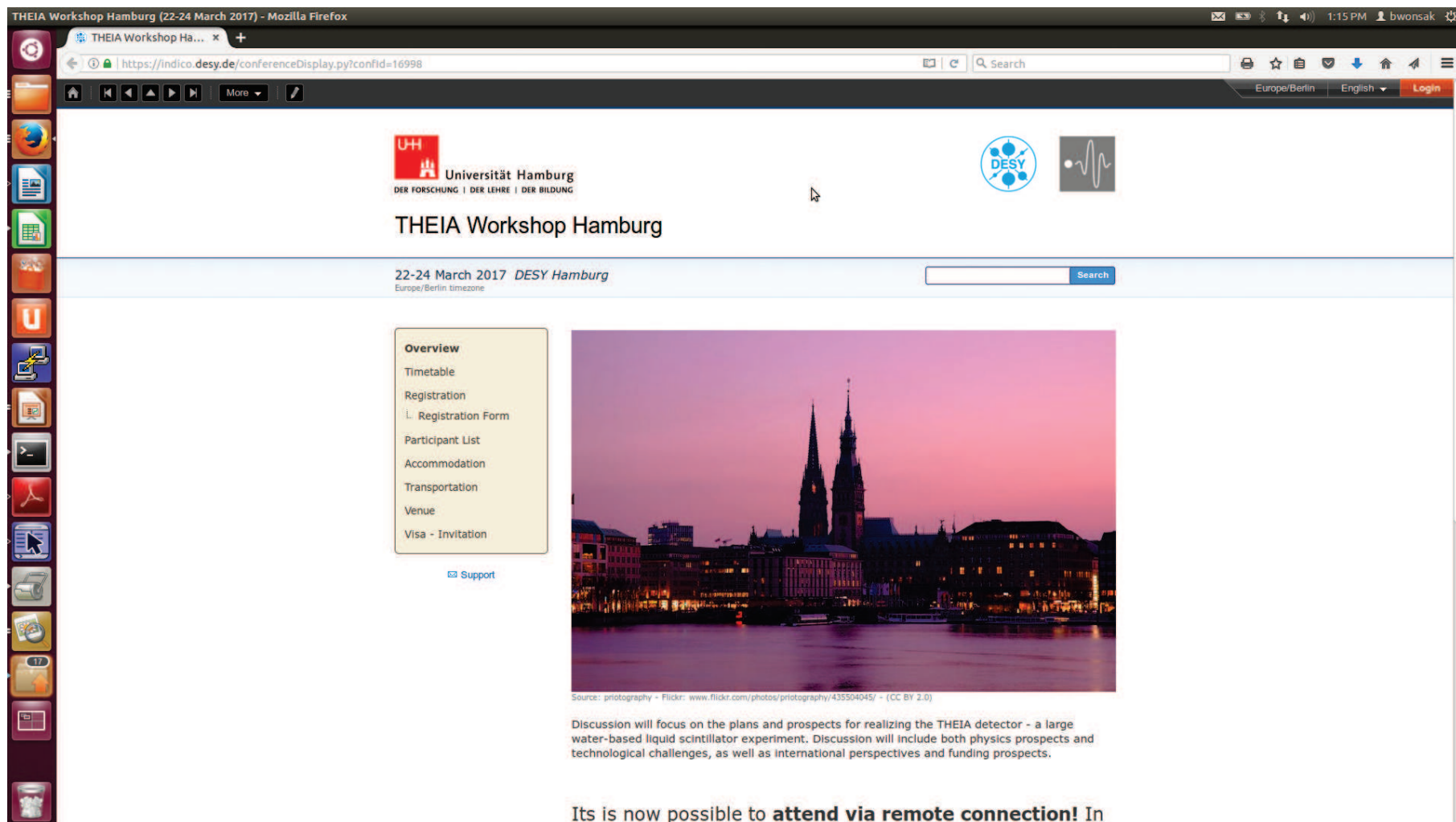
> You can now log in to the DESY guest network with your credentials. Fill in "**Login**" and "**Password**" and **accept** the DESY "Condition of Use". Please confirm with "**Enter**".

For the validity of the guest network account it is required to log in once per device. After that it is possible to use this device in the guest network during the following days without a renewed log in.

Note: A guest network account is valid up to **10 days** and can be used with **five devices** at the same time.

If anything should be unclear or in case you have questions, the UCO (User Consulting Office) will provide support by phone at **+49-40-8998-5005**, or by email to uco@desy.de.

Where to find Information



- <https://indico.desy.de/conferenceDisplay.py?confid=16998>