DESY THEORY WORKSHOP

HELMHOLTZ

HIGGS, FLAVOR AND BEYOND

27 - 30 September 2022
DESY Hamburg, Germany

Local Information

http://th-workshop2022.desy.de

HELMHOLTZ RESEARCH FOR GRAND CHALLENGES

Where can I find this room!?

scan me
for map!

PARALLEL sessions:

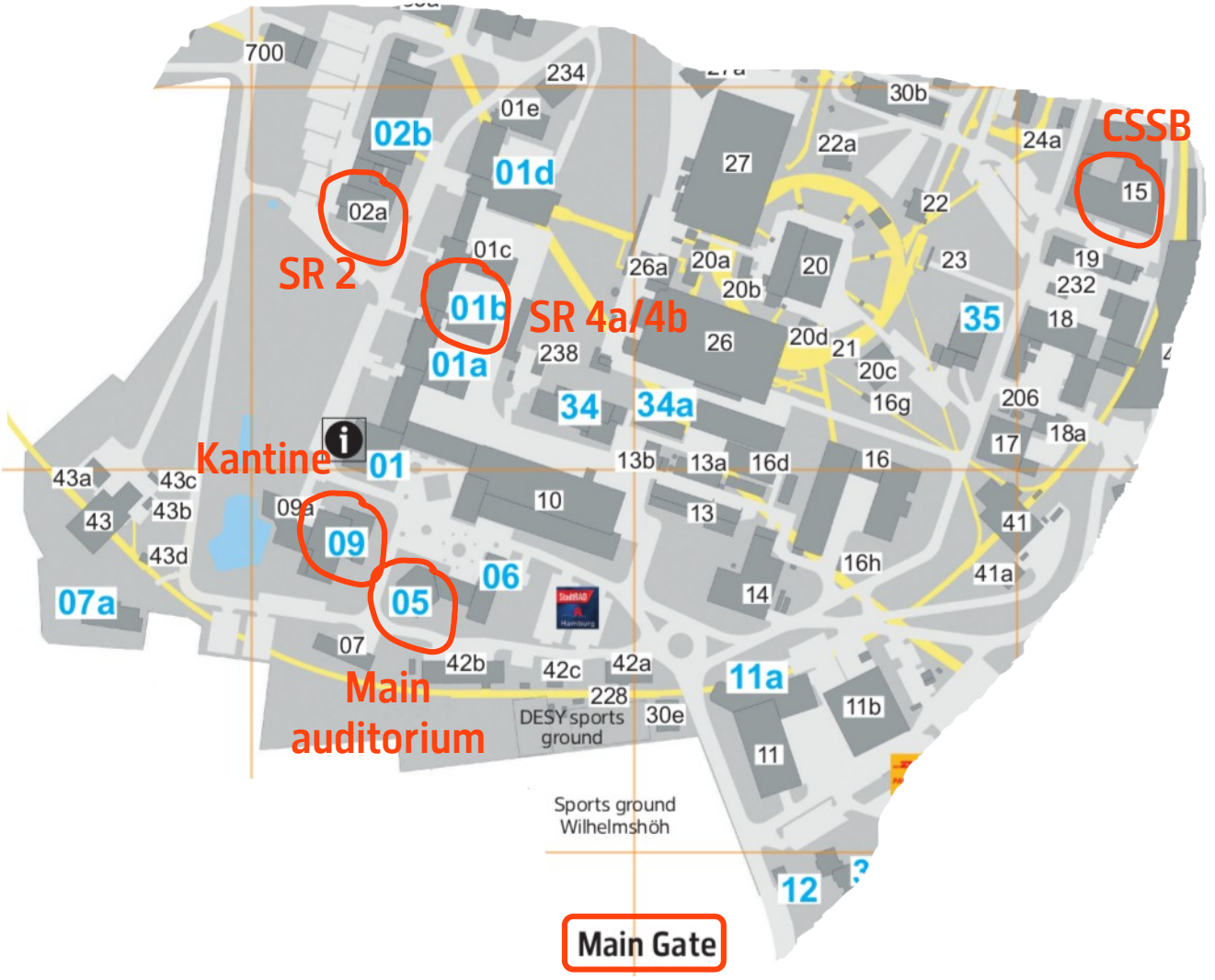
Seminar room 2
Seminar room 4a
Seminar room 4b
Main autitorium

PLENARY sessions:

Main auditorium
CSSB building
(Friday morning only!)

HERTZ lecture:

Main auditorium



http://www.desy.de/content/desymaps/gelaendeplan-eng-hh.pdf?q

HERTZ LECTURE.

DESY Lecture on Physics 2022

Where do we come from? Perspective from Physics

Prof. Dr. Hitoshi Murayama

- **Berkeley Center for Theoretical Physics**
  University of California, USA
- **Lawrence Berkeley National Laboratory**
  Berkeley, USA
- **Kavli IPMU, University of Tokyo**
  Kashiwa, Japan

September 28, 17:45 h
DESY main auditorium
https://webcast.desy.de

It has been a millennia-long question by the human beings, traditionally in the context of religions, philosophy, literature, and art. In recent decades, physics made strides to come up with partial answers to this question. Chemical elements we are made of came from exploding stars, as observed by neutrinos and gravitational waves. Stars were born out of dark matter. Our original seeds came from inflation. I also discuss what progress we anticipate in the near and more distant future.

Heinrich Hertz
1857 Hamburg-Karlsruhe-Bonn 1894

Deutsches Elektronen-Synchrotron DESY
A Research Centre of the Helmholtz Association

Zoom & webcasts

- All sessions will have a zoom meeting
  - The plenary zoom info is:

https://desy.zoom.us/j/8029125821?pwd=WE9MT256cm9yVWNiTURpZ3QrcDhLZz09

  - The parallel zoom info will be sent by the track conveners (but not all parallel sessions will be broadcast)

- The Hertz lecture will be webcast: https://webcast.desy.de/

Please upload your talks to indico

- We would very much appreciate it if you could do this yourselves *before* your session

- If this is not possible due to rights issues, please email your talk to:
  - Plenaries: Fady Bishara & Juergen Reuter
  - Parallels: the conveners of your track

https://indico.desy.de/event/34520/timetable/#20220927

Session conveners

- Cosmology & Astroparticle Physics:
  - Gilly Elor (JGU Mainz),
  - Veronica Guidetti (DESY),
  - Hyungjin Kim (DESY)

- Particle Phenomenology:
  - Matthieu Pellen (U. Freiburg),
  - Bibhushan Shakya (DESY),
  - Emmanuel Stamou (U. Dortmund).

- Strings & Mathematical Physics:
  - Markus Dierigl (LMU Munich),
  - Craig Lawrie (DESY).

Lunch and dinner

- Lunch on your own in the Kantine, you can pay with cash but be aware that only certain registers (maybe even only one) accepts cash
  - To pay at any register, you can get a DESY card which costs EUR 5 that you get back when you return it. Look for machines in the Kantine ground floor by the left-hand-side stair case

- The conference dinner is tomorrow, Wednesday the 28th, after the Hertz lecture
  - It will take place in the Kantine

Registration / receipts / conf. photo

- Receipts will be available at the secratariat desk
- If you require a receipt with a full institutional address but did not provide one when you registered please ask
- The plan is to have a photo in front of the main autitorium tomorrow (Wednesday) after the first plenary session and before the coffee break

Please wear a mask!

- There are masks and antigen tests available at the secretariat desk in the foyer

- During the coffee breaks, please consider stepping outside if there is no rain ☺, there are two tents outside as well

Please enjoy the workshop!