

CAS Beam instrumentation

Tuusula, FINLAND, 2nd to 15th of June, 2018

PRACTICAL INFORMATION FOR PARTICIPANTS

The venue

Hotel Gustavelund
Kirkkotie 36
FI-04320 Tuusula
Finland
Tel +358 9 273 7550

reception@gustavelund.fi
www.gustavelund.fi

Wifi is covering the hotel.

Distances from Gustavelund:

Helsinki Airport:

south 18 km, 22 min (taxi ~40€)

Helsinki Center:

south 30 km, 50min/bus

Kerava railway station:

east 5 km, 10 min (taxi ~12€)

Getting to Gustavelund

From airport

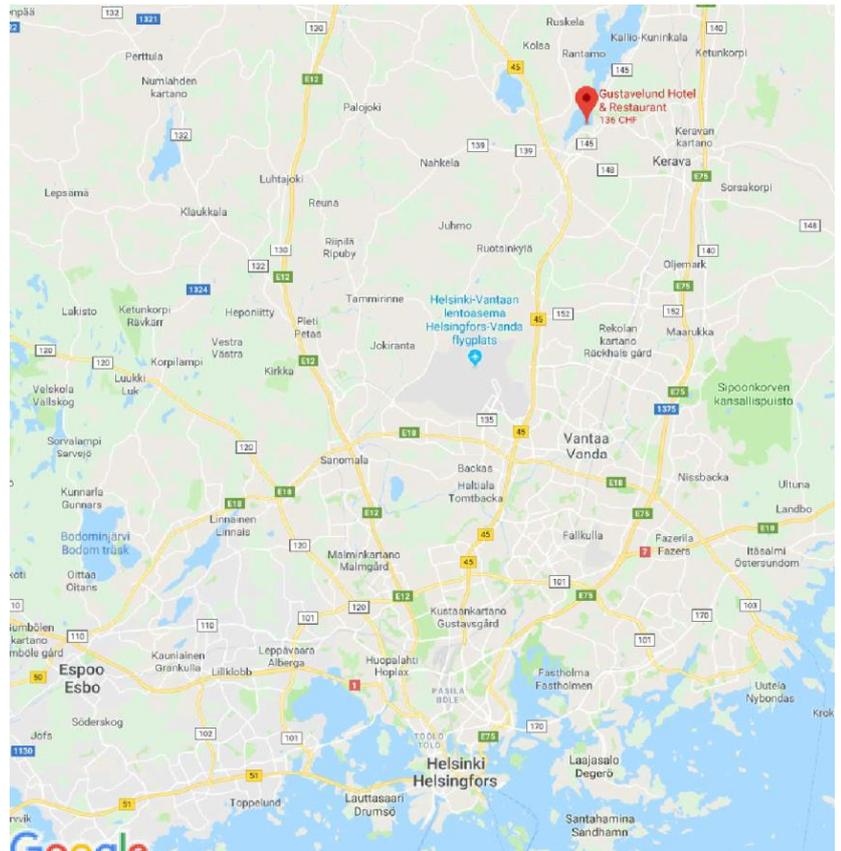
On arrival and departure days there will be shuttle bus between airport and hotel Gustavelund serving from front of **Terminal 1** every 2 hours starting from 2 pm. (2 pm, 4 pm, 6 pm, 8 pm, 10pm).

(PRELIMINARY INFORMATION ONLY)

Depending of students arrival schedule **the shuttle bus timetable will be modified** according to the received flight information. CAS office will ask information of your flights in the beginning of May. There will be no guaranteed transportation for those who have not informed their flights. Updated shuttle bus timetable will be released latest week before CAS and it will be available on CAS web site:

<http://cas.web.cern.ch/schools/tuusula-2018>

For lecturers pick up service is arranged based on arrival and departure information.



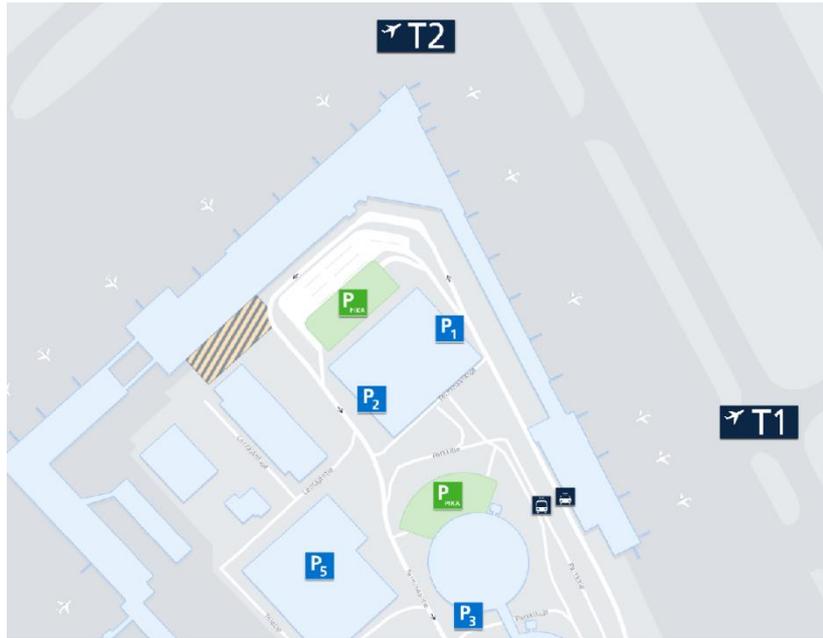
Arrival to Helsinki airport

Helsinki Airport has 2 terminals (T1&T2) connected to each other. Distance between the terminals is app. 300 m.

T1 is serving for example Lufthansa, SAS and AirBaltic. T2: Finnair, AirFrance, KLM, British Airways, Norwegian etc.

Baggage claim respectively, but T1 and T2B only for passengers arriving from Schengen, T2A for Non-Schengen passengers.

You will arrive to ground floor of T1 or T2. If you arrive to T2 follow the signs to T1. CAS Shuttle bus is leaving from front of the Terminal 1. A local guide will be around to guide you.



If you arrive outside of the shuttle bus service hours, taxi will take you from airport to hotel Gustavelund in 20 mins and costs you app. 40-50€. Alternative: take commuting train from airport (line P) to Tikkurila and change to line N, K, R, T, D or Z north to Kerava. From Kerava still 5 km with taxi to Hotel Gustavelund (~12€?).

For train you need to buy **Region 2-zone ticket** (5€) from ticket machine on the platform (no ticket selling on trains).

If you arrive already earlier than 2nd of June, and plan to visit Helsinki, take train line P or I from airport to Helsinki City Center (**Region ticket** 5€), or use Finnair City bus leaving every 20 mins. Stopping in the front of both terminals. Price 6,40€/person. Traveltime to Helsinki Railway station is app. 25-30 mins. To get to the train at the airport the entrance to railway station is between the terminal 1 and terminal 2. Commuting trains I and P both drive to Helsinki Railway station.

From Helsinki to Gustavelund

Option 1) : If already are in Helsinki, or arrive there with train or ferry, you can catch the CAS shuttle bus from Airport to Gustavelund. To the airport you get with commuting train P or I leaving every 10 minutes from Helsinki Railway station. Buy the **Region ticket** (5€), before getting into the train. No tickets available in the train. Fee of 80€, charged of passengers without valid ticket.

Option 2): Commuting train from Helsinki railway station to Kerava (5 km) lines N, K, R, T, D Z trains, ticket has to be bought in advance from station, ticket vending machines, via mobile app. For last 5 km from Kerava use taxi.

Option 3): There is also a bus between Helsinki bus station and Tuusula (665A), travel time 50 min. Bus stop just ~500 m from hotel.

More airport information <https://www.finavia.fi/en/airports/helsinki-airport>

Public transportation, routes, timetables, tickets etc. <https://www.hsl.fi/en>

Weather conditions in Finland and Tuusula in June

June is called kesäkuu in Finnish. (Direct translation: kesä=summer, kuu=month). Possibly the weather is also close to summer conditions. Average temperature in Helsinki region in June is app. 13.7°C, typical max. 17°C typical min. 9.5°C, for 95% range min. 3.6°C max 24.9°C. So anything is possible, also sun or rain.

Tuusula's location is 60.42°N 25.03°E. In the beginning of June the sun is rising at 4 am and sunset is ~10.40pm. It is not getting really dark during the nights, at least the dark period is rather short. Some people find this disturbing and they have difficulties to sleep because of sudden change of light conditions. Be prepared for this with eyepatch if you feel so.

More about the weather in Tuusula: <http://en.ilmatieteenlaitos.fi/weather/tuusula>

About the program

Saturday 2nd of June is reserved for travelling and arrival. Dinner will be available in the evening at the hotel.

Last day Friday 15th of June is reserved for packing, checking out and travelling. Only breakfast is reserved, if you intend to stay longer the hotel restaurant will be open for lunch on your own cost. On both travelling days shuttle bus is serving for airport transportation. Other travel arrangements you have to arrange by yourself. See the arrival instructions for other options.

Lectures are daily from 8:30 to 1pm and hands on sessions after lunch from 2:30 pm to 6 pm. Some evenings there is some special program before the dinner served daily at 19:30. See the program for more details.

On Wednesday 6th of June: the afternoon is free and after lunch buses will take us to down town Helsinki where you'll have few hours to go around on your own. In the evening we will have a common dinner in Helsinki before the busses take us back to hotel.

Full Saturday 9th of June is dedicated to Finnish nature and we will make full day excursion mainly outdoors. Take this in to account already when packing. (no high heels, something **warm and rain resistant** if necessary etc. ☺)

Tuesday 12th of June the afternoon is free again. Lunch and dinner will be available at hotel as normally. But you are free to organise you program as you like. Some side activities (games, boats, local visits) will be available close to hotel.

The hotel surroundings are quiet and there are good possibilities for walking, jogging, playing and other sports. Bikes etc. can be rented from hotel.

Link to Google maps satellite picture:

<https://www.google.com/maps/place/Gustavelund/@60.4120796,25.0306789,2457m/data=!3m1!1e3!4m5!3m4!1s0x468dff0a3f313b05:0x1edd6afe1d5e211!8m2!3d60.4114796!4d25.0453696>

Helsinki

Helsinki is the capital of Finland with app. 640 000 inhabitants. On the whole Helsinki urban area lives almost 1,3 million people. Helsinki is located by the Gulf of Finland, so the sea has big influence to city. Down town Helsinki is practically surrounded by the sea.

Things to see in Helsinki (in few hours):

<https://www.myhelsinki.fi/en/see-and-do/sights>

Suomenlinna historic fortress in front of Helsinki

- World heritage site, Historic venue built in 18th century
- To go there take a ferry from Market Square (15-20 mins)
- <https://www.suomenlinna.fi/en/>

Vallisaari island

- National park and historic island next to Suomenlinna in front of Helsinki, part of fortress. Has been closed to public until 2016. The nature has remained untouched for 100 years. More nature than urban/historic venue.
- To go there private ferry from Market Square
- <http://www.nationalparks.fi/en/vallisaari>

Senate square and surroundings

- Main square in front of the cathedral and other historical buildings
- Symbol of Helsinki, built in early 19th century
- University main building, government, national library (worth to see inside) etc.
- Senaatti Center, design and some arts and crafts stores opposite to Cathedral

Most popular churches to visit:

- **Cathedral**, typical Lutheran cathedral
- **Uspenski** orthodox church, biggest Russian orthodox church outside of Russia
 - o Open tue to fri 9:30 to 4 pm, sat-sun
- **Temppeliaukio church**, church build inside rock in 1960's

Public saunas

- **Allas sea pool** in Market Square
 - o Sauna and outdoor swimming pool just in the heart of Helsinki
 - o <https://www.allasseapool.com/front-page.html>
- **Löyly**, sauna center and restaurant by the sea
 - o <http://www.loylyhelsinki.fi/en/front-page>

Shopping

- Biggest department store **Stockmann**
- **Market Square** daily evening markets until 6 pm, sat until 4pm, Sunday 5pm
- **Old market hall** next to Market Square

Linnanmäki amusement park

- Traditional amusement park in Helsinki
 - o Getting there from rail way station tram 3, city bike
 - o Free entrance to area
 - o <https://www.linnanmaki.fi/en>

Korkeasaari Zoo

- Zoo on an island on east side of Helsinki
- getting there by boat from Market Square (20min) or bus 16 from railway station (25min)

Art museums

Ateneum, national art gallery, www.ateneum.fi

Kiasma, museum of modern art, www.kiasma.fi

Helsinki Art museum, www.hamhelsinki.fi

The official travel Guide of Finland and Helsinki:

<http://www.visitfinland.com/helsinki/>

Getting around in Helsinki

Once you are in Helsinki City area you can go around with buses, trams, metro, ferry, trains using the same ticket. 2550 city bikes are also available.

Route maps: <https://www.hsl.fi/en/timetables-and-routes/routemaps>

The tickets can be bought by mobile app, from R-kiosks, ticket machines and even from some park meters (only with credit card) and from bus drivers. Normal ticket is valid for 1 hour, day tickets are also available. For tram there is a special tram ticket for single trip available for a bit cheaper price. Once you enter the vehicle you have to validate your ticket with ticket machine on board. (not mobile ticket and ticket bought from ticket machine, they are already activated the moment of purchase) Enter the buses only from front door- tram, metro, train you can use any door.

Instruction for Mobile ticket: <https://www.hsl.fi/en/mobileticket> (mobile data has to be enabled when used)

City bikes: 2550 city bikes are available from stands all over the city area. You recognise them from yellow colour and uncomfortable look. Charge is 5€/day, including unlimited number of 30 min rides within 24 h. If single bike trip exceeds 30 mins, 1€/additional/30 min. is charged. Maximum continuous cycling time 5 hours. After 5 hours 80€ delay fee is charged. For activation visit <https://kaupunkipyorat.hsl.fi/en/>. Activation can be also done in 5 bike stands in City Center, Unioninkatu, Kiasma, Kaivopuisto, Railway Station East entrance and Hakaniemi metro station.

Ferries: Ferry to Suomenlinna runs from Market Square 1-4 times per hour. Travel time 15 mins. Normal public transportation ticket is valid on ferry. No ticket selling on board, ticket machines are located next to the pier. Other islands are served with water buses, for those you need to by separate tickets from the ferry or departing pier.

Other perhaps useful information:

- Finland is using EURO
- Good payment method is card payment (exception some buses etc.)
- No tipping expected
- Most of the people can speak English so don't hesitate to ask help if needed
- <https://www.myhelsinki.fi/en>
- <http://www.visitfinland.com/>
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Other destinations from Helsinki

Visiting Lapland (midnight sun in June, nature, Santa Claus, reindeers....)

- Flights from Helsinki to Ivalo, Kittilä, Rovaniemi or Kuusamo
- Overnight trains to Kolari, Rovaniemi and Kemijärvi (www.vr.fi)

Travelling to other parts of Finland:

- for trains see www.vr.fi
- busses <http://www.expressbus.fi> and www.onnibus.fi
- Domestic Flights operated by Finnair, Flybe, Blue1 (SAS) and Norwegian

Visiting neighbouring countries

- Tallinn, Estonia (EU); there are tens of departures by boat daily to Tallinn. The journey takes from 1.5h to 4 hours (86km) and costs up from 10€.
- Stockholm, Sweden (EU); 2 daily departures by ferry from Helsinki overnight to centre of Stockholm, direct flights from Helsinki to Arlanda and Bromma.
- St. Petersburg, Russia (non-EU); daily train connection 3.5 h from Helsinki. Visa required for most of the visitors.

Phone numbers:

In cases of urgent CAS help: +358 9 273 7550 Hotel Reception

Taxi: +358 (0)100 7300

Emergency number: 112