



HSF/WLCG 2020

Swedish bid

Proposal to host in Sweden (Lund University or Umeå)
Mattias Wadestein, Caterina Doglioni, Balasz Konya, Florido Paganelli, Oxana Smirnova, Ruth Poettgen



Joint Swedish bid, with a choice of location

Logistics:

- Efficient and sustainable place for meetings
- Benign summer climate
- Everybody speaks english and accept credit cards for payment

Scientific environment:

- Excellent science, focus on infrastructure and tools
 - Strong HEP teams, all involved in varied software development: ATLAS, ALICE, LDMX, PYTHIA/MC theory, GEANT
 - CS/HPC departments with strong focus on numerical infrastructure software: ScaLAPACK, NLAFET, etc
 - The Nordugrid collaboration with ARC middleware and the distributed tier-1 NDGF have strong Swedish ties
 - Computing centres with regular presence in Top500 (Umeå and Linköping), forming core of NDGF
 - Birthplace of NorduGrid (kick-off in Lund in 2001), first production-level Grid infrastructure Swegrid (2003)
- involvement in HEP Software Foundation, focus on real-time analysis and trigger

For these reasons, we decided to submit a joint bid and leave you to decide on the location (**Lund or Umeå**)
If Sweden is chosen as a location, we will organize the workshop jointly and see you in Lund or in Umeå!

Summary of flights & fees

Lund

AF Borgen (only possible 5-8 May)

200 people: 380 EUR

250 people: 355 EUR

300 people: 340 EUR

University conference rooms/services (reservation TBC, either week)

200 people: 340 EUR

(max) 250 people: 320 EUR

Included: dinner, reception, coffee breaks.

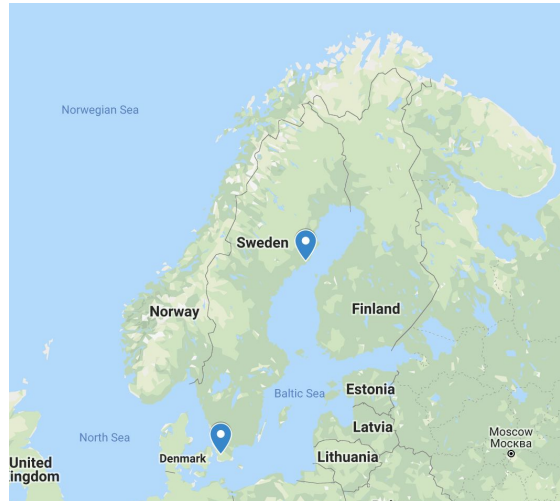
For lunches, add ~50-100 EUR.

Flights/trains:

- Night train to/from Geneva, Berlin
- Return from Geneva, ~200 EUR
- Return from US: <1000 EUR
(Norwegian airlines flies to Copenhagen from major US hubs: low-cost, 500 EUR)

Hotels:

- 50 EUR (University Guest house)
- ~100 EUR city hotels



Umeå

Conference center (both weeks possible)

200-300 people: 250+-50 EUR

Expecting sponsorship from region

Included: lunches, dinner, reception, coffee breaks. Social event: add 30-40 EUR

Flights/trains:

- Can take night train from Stockholm
- Return from Geneva, ~300 EUR
- Return from US: <1500 EUR
(Norwegian airlines/Finnair flights: low-cost, 500 EUR)

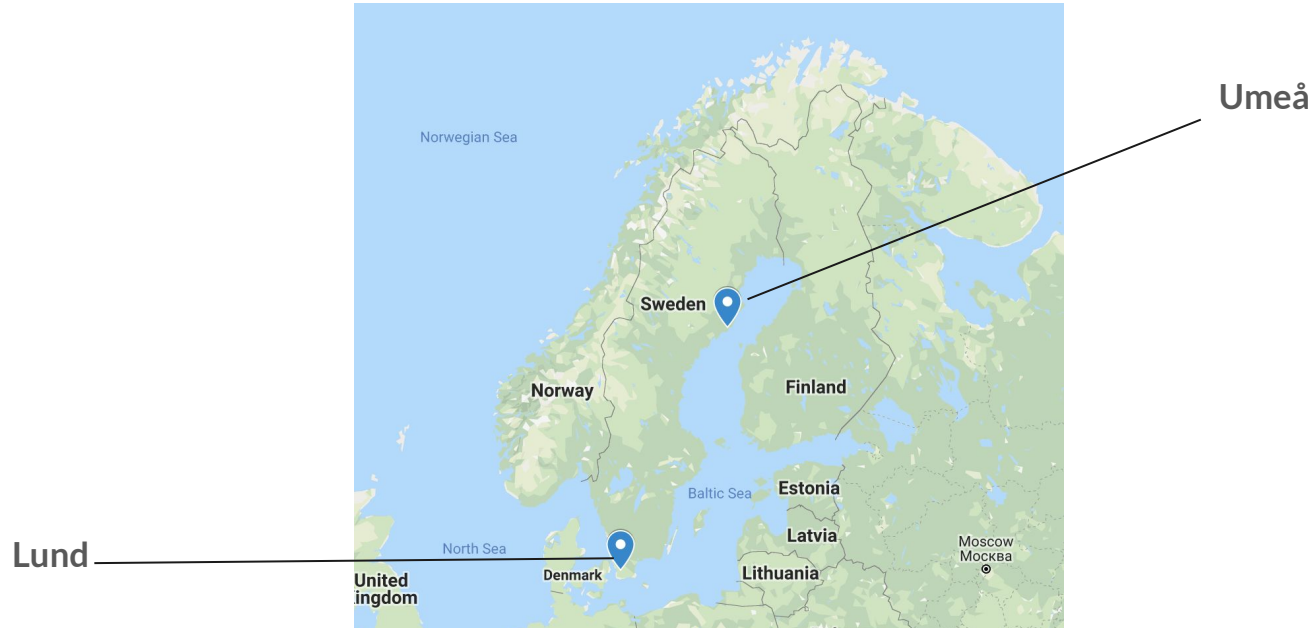
Hotels:

- 40 EUR (Hostels in city)
- 90-150 EUR city hotels

Note: this does not include local sponsorships / conference grants, which will be sought and can reduce conference fees by ~50 EUR



Location choices





Preferred Dates

Umeå: Week of May 11-15, backup June 29 - July 3

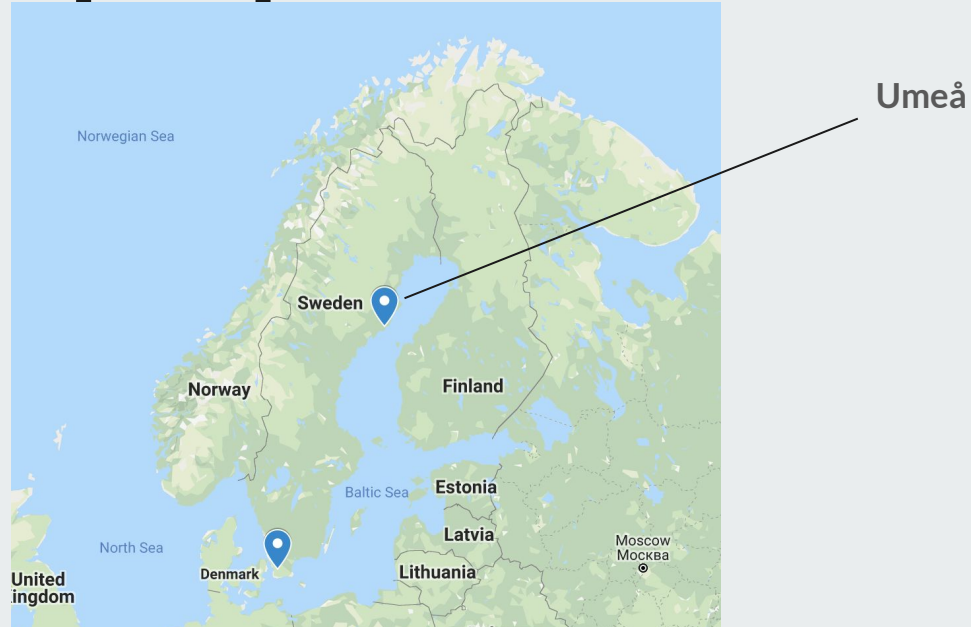
- First half of May is still spring, but almost all of the snow should have melted
- Expected temperature in the 5-15°C range
- Max participants 260 for a common plenary on May 14&15
- Backup dates have cheaper accommodation and no conflicting bookings for any rooms, but might conflict with participants' vacations

Lund: Week of May 5-8, backup week of may 11-15 or (cheaper) dates in June 2020

- Choice due to location availability: for a room holding > 250 participants, we can rent the AF Borgen castle, where LHCP 2016 was held (>250 participants) - see later slides
- Nice temperature and weather, average 16°C for Swedish spring



Location proposal: Umeå





Umeå: Experience

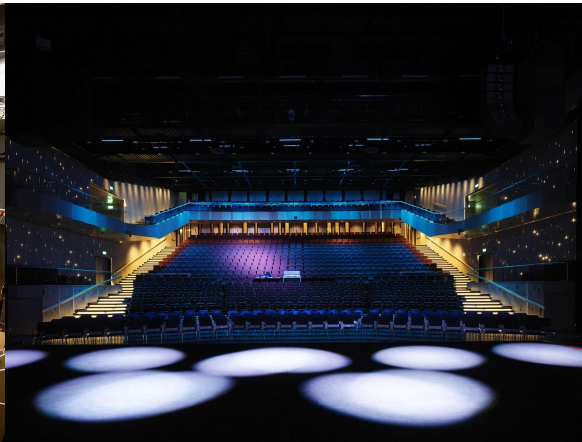
The Umeå venue and social programme choice is based on a very successful NeIC 2017 conference experience with 240 participants which is still documented on <http://neic2017.nordforsk.org/practical/>

The venue is centrally located in the city center, together with most of the hotels, everything is with very convenient walking distance (< 500m)

A Social Event with choice of various activities was very well received and a good way of getting to know each other better and making the event very memorable for the participants

Umeå: Venue

- Umeå Folkets Hus, professional conference venue in the city center
 - Large room seats up to 1100, but can be managed with drapes to give a nice experience for 300-400 seats (Not available thursday and friday, which would limit common sessions to 260 (Studio) for those days)
 - Parallel rooms: 260, 105, 100, etc seats. Many more rooms available, <https://umeafolketshus.se/lokaler/>
 - Competent technical staff that can handle AV, lights, etc (venue also used for concerts and theatre)



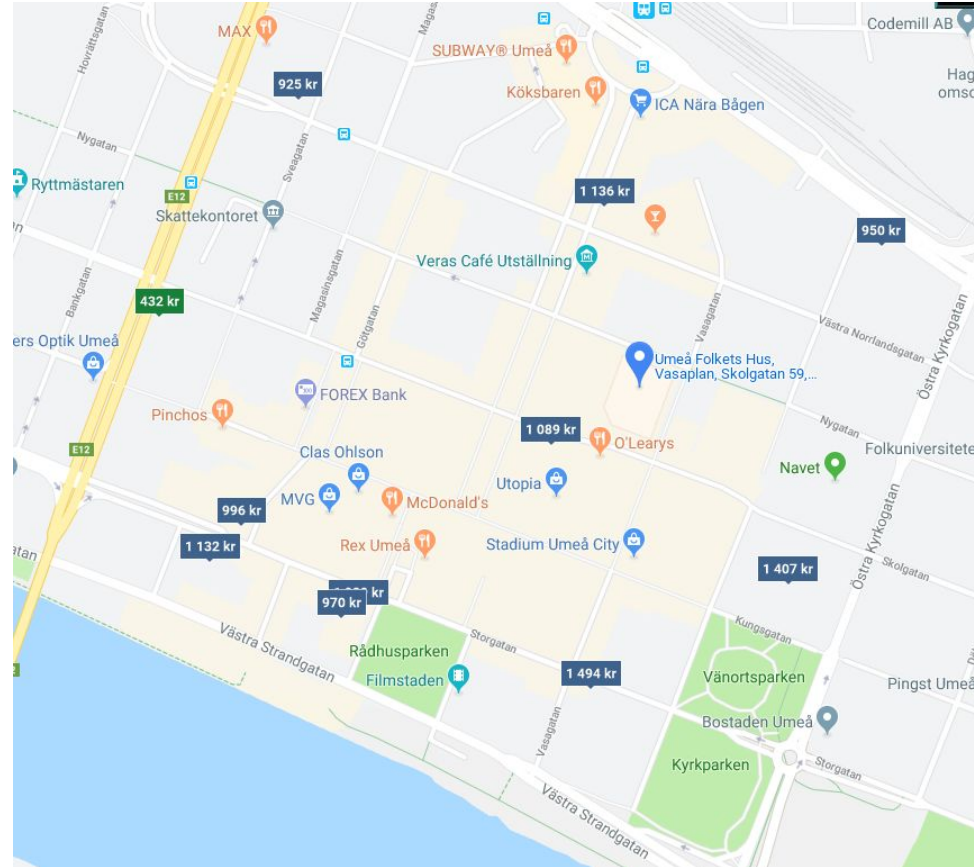
Umeå: Accomodation

1700 hotel rooms in the city, most of those within a 500m walk to venue

Price range €90 - €150

A couple of cheaper hostels also available (like the “432 kr” (€40) label in the picture

Block bookings and reservations can be handled through the venue conference organization

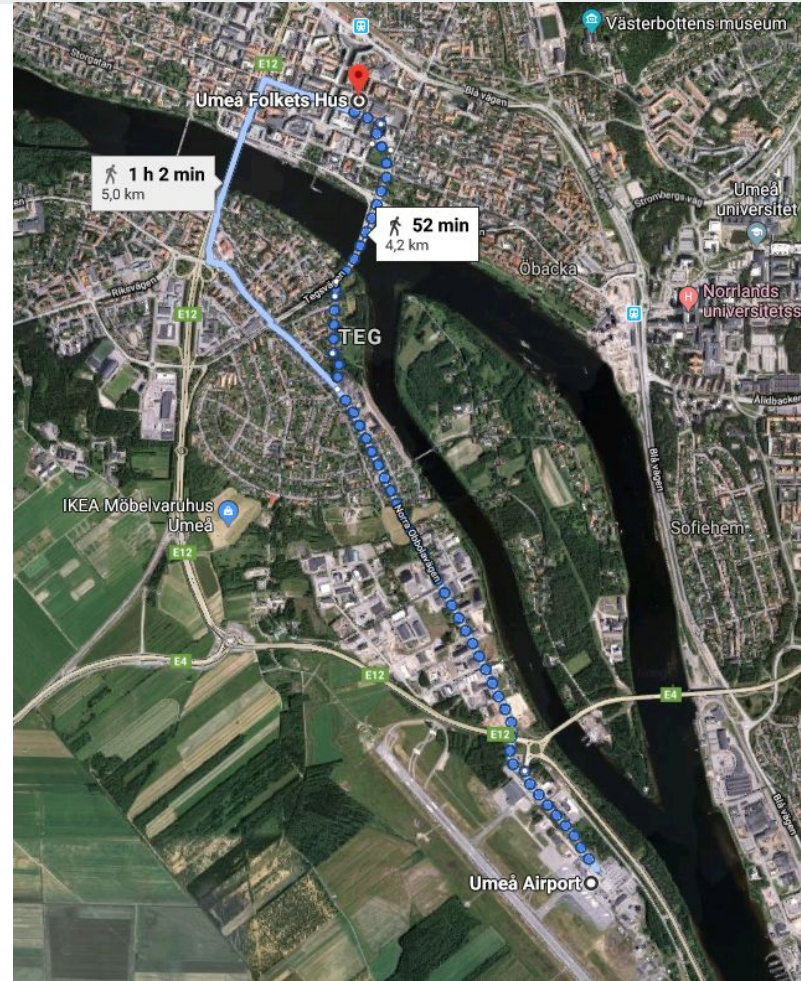


Umeå: Travel

Flights to Umeå Airport with connections in the major European airports of Stockholm (very frequent, 15+ flights/day) and Helsinki

Airport to city center is a 8-10 minute local bus ride, a short Taxi ride for about €20, or even walkable in good weather (4.2km)

Train is also an option, takes 6-7 hours from Stockholm



Umeå: Food and refreshments

The conference venue includes morning and afternoon coffee breaks (including snacks) as well as a sit-down hot lunch every day in their in-house restaurant

They efficiently handle allergies, vegetarian food, etc

Capacity is 800 seated guests

Option to host the welcome reception here



Umeå: Dinner

Several options for dinner, the old Rathaus or the historical building Sävargården among the top options

Cost depending on ambition level (i.e. sponsorship/co-funding) €40-€80



Umeå: Social event

The social events at NeIC 2017 were a highly appreciated part of the conference, and if the financials allow this within a reasonable fee we suggest to do something similar (whitewater rafting, moose farm visit, guided tours of the guitar museum, sculpture park, etc), all followed by a lighter meal.

This is also an option to replace the welcome reception





Umeå: Conference fee

Expected conference fee is €250 +-50€

Raw cost is €300-€340 per participant (quote for venue is at €35/person plus €41/personday including lunch and coffee+cake, plus some extra fixed costs for parallel rooms and registration website), the range is mostly depending on the level chosen for the dinner menu

If the Social Event is included, that adds a cost of another €30-40 (avg) per participant not in the headline sum, but there is also an opportunity for getting dedicated funding to cover this part

In addition to seeking sponsorship from various sources, the Umeå region provides co-funding of €25/person for reception or dinner. The lower half of the expected fee (€200-€250) including everything should be possible with sponsorship, but can't be guaranteed at bid time

* Prices in € assumes 2019-07 conversion rates between EUR and SEK, where 1 EUR = 10.5 SEK

Umeå: Local hosts

LOC: Mattias Wadenstein (chair, local, NeIC and Umeå University), Oxana Smirnova, Caterina Doglioni

Practical matters: The Umeå Folkets Hus conference and technical staff handles all venue issues, visitor support, payments, subcontracts, hotel reservations, etc

The NeIC 2017 conference was a great collaboration with very positive words from participants, and we're looking forward to arranging another great event!

Visitor information on: <https://visitumea.se>





Location proposal: Lund

Lund



Photos of the venue: C. Nellist



Lund: <http://en.afborgen.se> Conference Rooms

Plenary: large hall

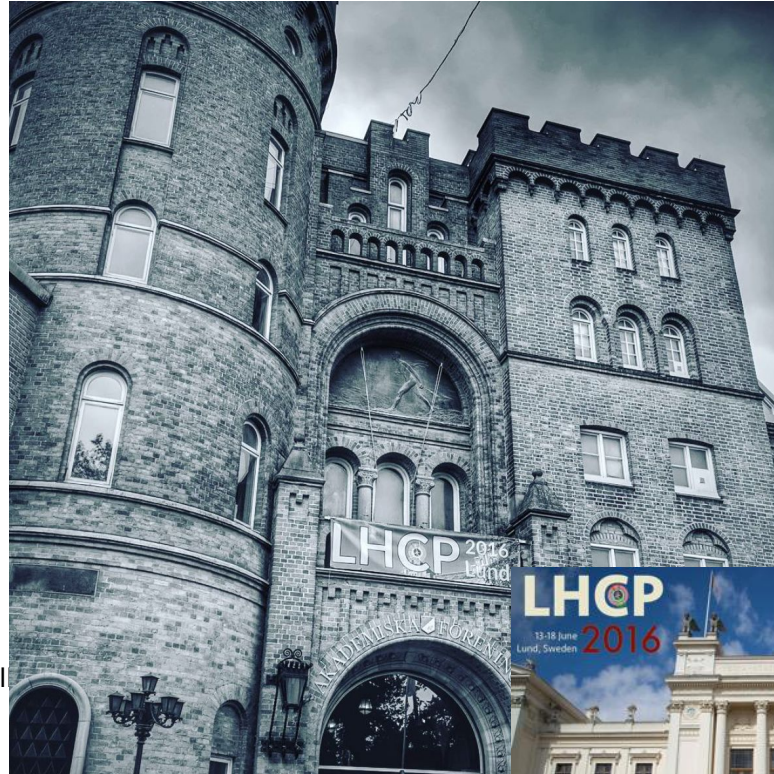
- Stora Salen (> 400 seats)

Parallel: 2 large meeting rooms:

- Lilla salen (150 seats)
- Nya Fest (100 seats)

Due to another University booking in Lilla Salen/Nya Fest, we will move to another two equivalent rooms on Thursday

Wireless (eduroam/local) and videoconference available



Lund University Building (for welcome reception - [video from LHCP2016](#), with sound)



Lund: <http://en.afborgen.se>

Conference Rooms

Plenary: large hall

- Stora Salen (> 400 seats)
- [Timelapse of LHCP2016 outreach event](#)
(warning: with sound)

Parallel: 2 large meeting rooms:

- Lilla salen (150 seats)
- Nya Fest (100 seats)

Due to another University booking in Lilla Salen/Nya Fest, we will move to another two equivalent rooms on Thursday
Wireless (eduroam/local) and videoconference available





Lund: <http://en.afborgen.se> Conference Rooms

Plenary: large hall

- Stora Salen (400 seats)

Parallel: 2 large meeting rooms:

- Lilla salen (150 seats)
- Nya Fest (100 seats)

Due to another University booking in Lilla Salen/Nya Fest, we will move to another two equivalent rooms on Thursday

Wireless (eduroam/local) and videoconference available





Lund: alternative Conference Rooms

Plenary: large hall

- Kårhuset (400 seats)

Parallel: 2 large meeting rooms:

- Gasque Salen (100 seats)
- Hörsalen (100 seats)

Wireless (eduroam/local) and videoconference
available



Lund: Food and refreshments

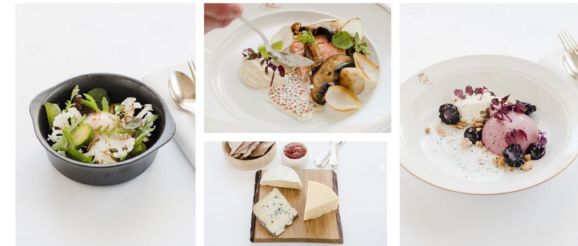
Initial welcome reception sponsored by City of Lund

Coffee & cakes (the famous Swedish “fika”) and lunch from local catering

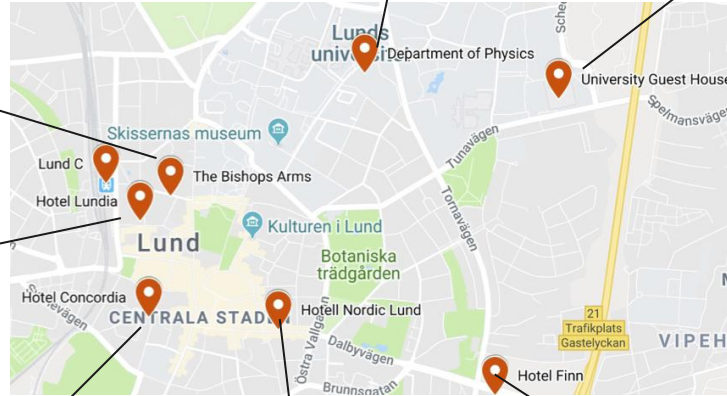
Workshop dinner: a choice of menus in the **Grand Hotel in Lund**

Price (included in conference fee): ~60 EUR/person

Lunches not included in conference fee (many nice lunch places 10-15’ away)



Lund: Accommodation



~1500 hotel rooms in Lund,
60-130€/night
(will arrange pre-booking)

Guest House

50€/night (single)
€ /night (double)

60

Lund: Travel



Copenhagen Airport (Kastrup), a major European airport

Easily reached from all capitals of Europe

Daily direct flights (1h40) to/from Geneva: SAS (~160€), Easyjet (40-150€)

Inexpensive direct flights from North America (~450€ New York) with e.g. Iceland Air, Norwegian, SAS

Direct flights from, e.g. Tokyo (~800€) and Beijing (SAS ~800€)

Direct train to Lund Central every 20min, takes ~40min, ~15€

Hotels/conference venue at walking distance from the station

Lund: Alternative Travel

Malmö Airport (Sturup)
Convenient flights from e.g.
Eastern Europe with Wizzair

Shuttle bus to Lund Central every
20-60min, takes 35min

Train also possible (night trains
from Zurich to Hamburg or from
Berlin to Copenhagen, then train
to Lund via Copenhagen)





Special features of Lund conference logistics

International Child Care to help those with childcare responsibilities to attend

- Pilot project in collaboration with City of Lund & MeetInLund
- Qualified childcare operators (already working in Lund) to take care of children (age 1-6) during workshop hours, close to workshop premises
- Assuming 5 children: about 10€ higher conference fee per participant, but if there are no requests at a pre-registration then the fee is not increased

In addition: Parent-child room (e.g. for breastfeeding, play time...) can be arranged

(Increased) **Sustainability** (<https://meetinlund.se/plan-your-meeting/sustainable-meetings/>)

e.g. conference mug instead of bag, access to tap water, catering with local products, information on bike sharing as all hotels / venues can be reached by bike



Lund: Workshop Fee

Assuming no sponsoring and using quotes from vendors and previous conferences:

In the range of 350€ for 5 days assuming 300 participants

including 2x coffee/tea (**Swedish fika**), conference **dinner**, welcome **reception**

→ room for reduction if some of this is skipped (e.g. if we can handle fees via CERN)

→ conference dinner (~60€/person) can be optional

The reason why the fee increased from our previous bid is that within term time the University rooms are not available, so we have to pay for external conference rooms and videoconference

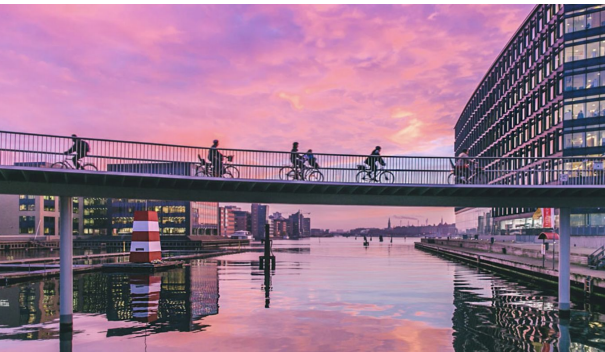
Sponsoring will be sought from different sources (some deadlines soon):

Swedish Research Council, Wallenberg Foundation, IUPAP, Local sponsors (Crafoord, Fysiografen)

→ if successful, could lower conference fees down to ~300 EUR

Lund: Social/additional events

- Friday is a half day, and we would plan an excursion to Copenhagen for those who want to stay / on their way to an evening flight





Lund: Local hosts

LOC: Mattias Wadenstein, Oxana Smirnova (co-chair, local), Caterina Doglioni (co-chair, local)

Other local organizers: Balasz Konya, Florido Paganelli, Oxana Smirnova, Ruth Poettgen

In addition, many postdocs and PhD students will play a role in the organization and logistics

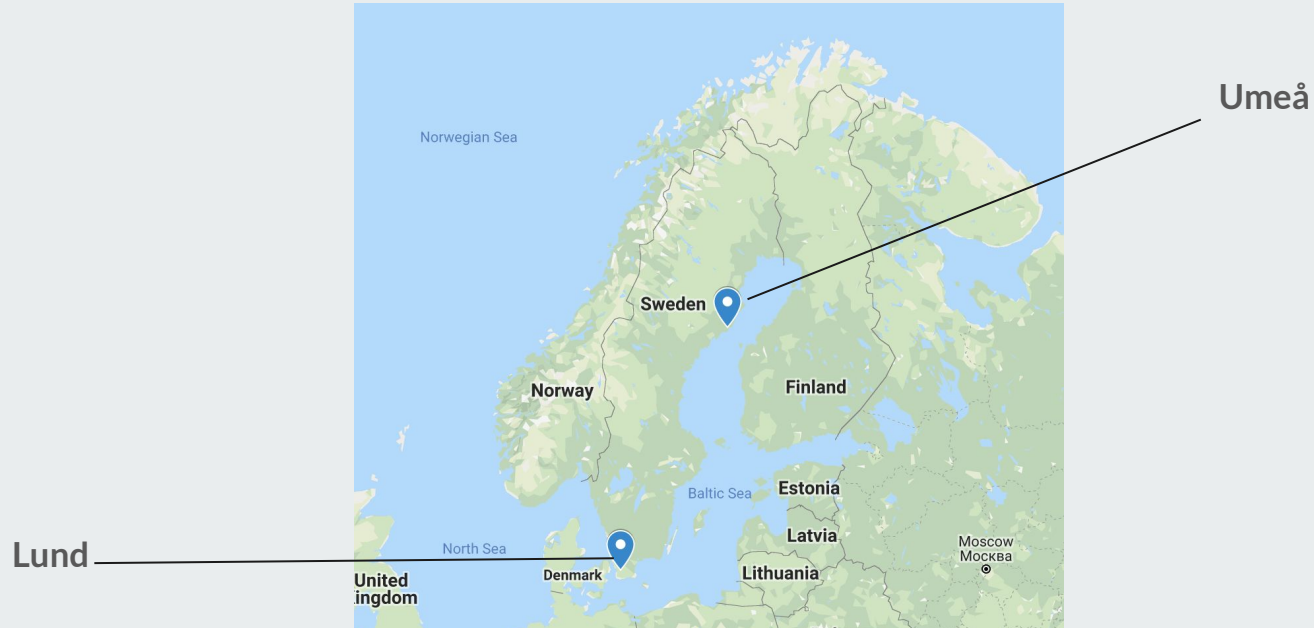
The Lund group has support from the Physics department and experience in organising conferences and workshops, most recently [LHCP 2016](#) (~300 participants), [MLHEP summer school 2016](#), [Swedish Particle Physics conference 2018](#) (~100 participants),

We would receive inputs from the IAC for the organization of the scientific program, and form an organizing committee of scientists to complement the local organizers, with different expertises and diversity in mind

Synergy with ongoing collaborative grants: COST action ([PARTICLEFACE](#)) and International Training Network on statistics and machine learning ([INSIGHTS](#))



Extra information



Travel and stay:

Sustainable and easy



Umeå city's investments in sustainability and sustainable solutions is a long-term and on-going process, both strategically and practically.

For example, the local public buses runs on fossil free fuel since 2017 and 70% of the buses are fully electric, making the bus fleet of Umeå one of the most environmentally friendly in Europe. Almost 10 million journeys by bus are made every year in Umeå, with its 127 000 inhabitants.

Other examples are the encouragement to bicycle all year around - despite the winters and large masses of snow and icy weather – by providing heated bicycle parking garages and prioritizing bike lanes for snow clearance in the winter.

Getting to Umeå is easy both by train and by airplane. On an ordinary Tuesday, there are several train departures from Stockholm that will get you to Umeå in just **6 hours and 17 minutes**. There are also **15 daily flights to and from Stockholm**, taking you to Umeå in only 55 minutes and a number of flights to Kiruna, Åre/Östersund and Helsinki. If you and your conference participants wish to fully climate compensate your flights, we have a well-functioning cooperation with local partners to meet all requests.

The train and bus station is located within 5 minutes walking distance from central Umeå. It takes about **15 minutes with the green airport bus**, or around 7 minutes from Umeå Airport to central Umeå with one of Umeå's environmentally friendly taxi companies.

Within five minutes walking distance from central Umeå, the majority of the city's hotels and conference venues are reached.

Umeå's hotel capacity is of today **1730 rooms** or over 3500 beds, all with a high Scandinavian standard.

One of the city's flagships on the restaurant scene, Gotthards Krog, runs their own cultivation of crops that they harvest themselves to create food experiences out of the ordinary with sustainability in mind.



The Museum of Visual Art, selected by The Telegraph as one of the museums in the world to put on your bucket list.



**The city of culture.
The city of sports.
The university city
and the city of
innovation. Umeå is
one of the fastest
growing regions in
Sweden, and has
become a given
meeting place for
curious and creative
persons from all
over the world.**

**The citizens of
Umeå are ranked as
the most
environmentally
aware*, and we
believe it is because
the inhabitants are
constantly
questioning and
challenging the
decision-makers of
the city to make
bold and ambitious
decisions.**

Umeå offers a combined experience with qualities of a vibrant city life together with untouched and peaceful nature. A city filled with creativity, culture, shopping, restaurants, top-class accommodation, world-class education and research, world leading businesses and a constantly underlying passion for invention and cooperation. Yet less than an hour away you will find the silence in deep forests, the roar of rushing rivers and breath-taking wide-open spaces.

Umeå has a long history of an exciting cultural scene which lead us to become the European Capital of Culture in 2014 and nowadays offers everything from classic opera to award-winning hip-hop, Sweden's first museum of women's history, literature festivals, film festivals, jazz festivals and one of the world's most celebrated museums of visual art.

The range of restaurants, cosy cafés and innovative bars are constantly expanding, all with sustainability in mind. Umeå is also a true city of sports, appointed The Sports City of Sweden 2018 – offering everything from amateur leagues to elite sports.

There is a will and desire to create amongst the people of Umeå, from innovations, design and research to experience-oriented tourism that resounds out in the wider world. The curiosity and interest in technology has resulted in a beneficial climate for the IT industry and the large manufacturing industries who have been advanced over a long period of time. Thanks to early being known as the city with the fastest broadband in Europe, Umeå tech start-ups have thrived on the global market, within financial technology, medical technology and gaming companies, all enjoying international success. Furthermore, five large stakeholders in the city are currently aiming to make Umeå the first 5G-city in Sweden.

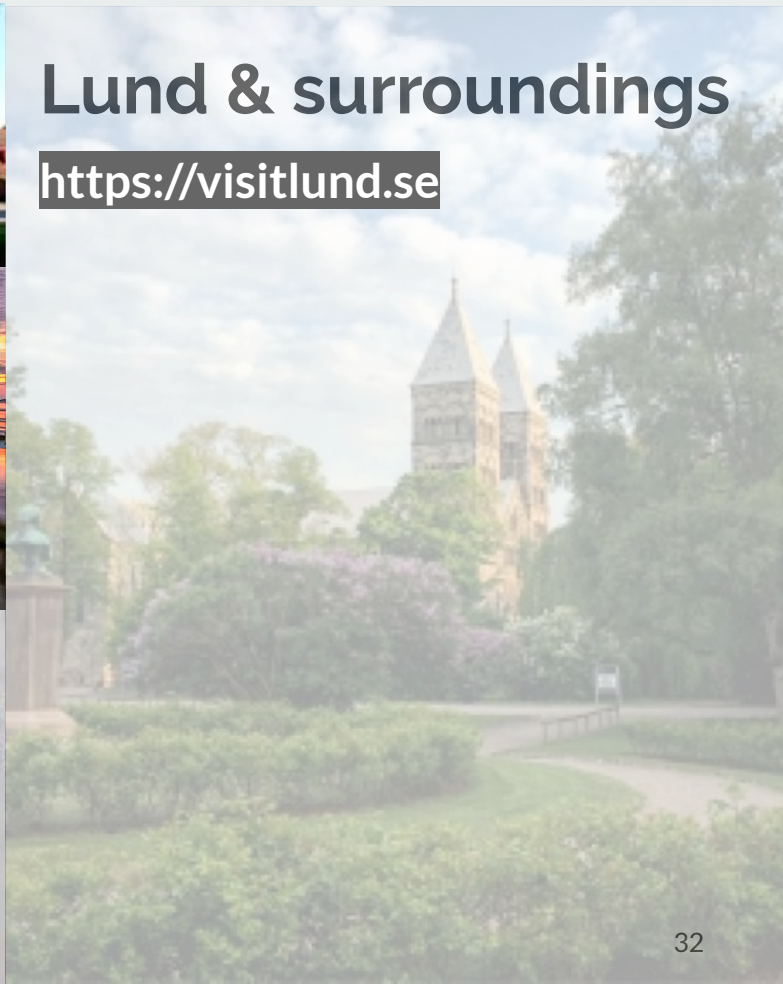
Finally, our city has always been well esteemed for its warm collaborative culture and continues to attract curious and creative individuals from around the world. Researchers and students, designers and entrepreneurs, true enthusiasts and innovators. Exciting things happen nearly all the time when we interact. It changes us and drives us to evolve. Umeå is a young and progressive city always wanting more.

*2014 European Smart City benchmarking by Vienna University of Technology



Lund & surroundings

<https://visitlund.se>





Copenhagen



Spend the weekend before or after the workshop in the beautiful Copenhagen :
elected by Lonely Planet the top city to travel to in 2019

<https://www.lonelyplanet.com/best-in-travel/cities>

