

Trondheim, Norway

WELCOME TO EUROCRYPT 2022!

May 30th - June 3rd 2022



On behalf of the whole organizing committee, it is my pleasure to welcome you to Trondheim for Eurocrypt 2022, IACR's 41st Annual International Conference on the Theory and Applications of Cryptographic Techniques. This booklet contains some information about the city of Trondheim, how to get around it, where to eat and drink, and what to look out for. Most of the conference activities take place at the Clarion Congress Hotel, but we have two evening events at Nidarosdomen and Studentersamfundet, special places in Trondheim which you will find described in these pages, along with information on many other of the local attractions.

I would like to take this opportunity to acknowledge the relentless efforts of the Eurocrypt 2022 organising committee, consisting of all members of the NTNU Applied Cryptology Lab (NaCl) with support from staff and leaders from the Department of Information Security and Communications Technology (IIK) and the NTNU Center for Cyber and Information Security (CCIS).

The scientific heart of the conference was organised by an international committee of 70 experts led by the Program Chairs, Orr Dunkelman and Stefan Dziembowski. There will be two invited talks from Maria Naya Plasencia and from Ingrid Verbauwhede, the latter presenting the 2022 IACR Distinguished Lecture.

Eurocrypt 2022 has received considerable sponsorship from organisations both within and outside Norway. We are grateful for all of their support, which has allowed us to subsidise student participation and provide a more complete social programme. Our platinum sponsors are Zama, NTNU CCIS and the Research Council of Norway.

We hope that you benefit from participating in Eurocrypt 2022 and enjoy your visit to Norway.

Colin Boyd, General Chair, Eurocrypt 2022

**OUR WARM
WELCOME**

Almost everyone is fluent in **English**, so you should not expect any communication issues.

The national **currency** is the Norwegian Krone (abbreviated NOK or kr.) :

- 100 NOK roughly correspond to 9.8 €
- 100 NOK roughly correspond to 10.30 USD
- 100 NOK roughly correspond to 8.22 GBP

Cash payments are extremely uncommon in Trondheim, but still accepted.

Most of the few **ATMs** available in Trondheim can be found in the city center.

Tipping at restaurant and bars is not common practice, but of course not discouraged. Prices already include **taxes** and **fixed costs**: the amount on the menu is what you actually end up paying. When paying at the register, some places let you enter the amount (in case you want to add a tip).

When walking, keep in mind that drivers are pretty much used to stop at **pedestrian crossings**, if they see someone standing on the sidewalk (or even approaching them).

The **weather** can be quite unpredictable during the day, so be sure to pack a raincoat or an umbrella if you plan to have a long walk.

The city is quite small and easy to walk through. The city center loop is a nice path you can follow, which includes some signs and nice views.

SOME KEY INFORMATION

MEANS OF TRANSPORT



The public transport in Trondheim is administered by ATB and offers some **bus** routes from and to the airport.

- Airport stop: “Trondheim lufthavn stasjon (Stjørdal)”
- Clarion stop: “Pirbadet”, 90m from the hotel
- A recorded voice will call each stop. Remember to push the STOP button!
- Use the dedicated tool or the “ATB reise” app to plan your trip
- Cost: 42 NOK, validity of 90 minutes. It is possible to take several bus rides during the validity time

There is a **train** connection operated by VY

- Trains run every hour, from 10:56 until 22:56
- City stop: “Trondheim S”, 650m from the Clarion hotel, well connected to the rest of the city with several bus routes
- Cost: 44 NOK.

The Værnesekspresen **private bus service** offers a large number of routes, fitting both arrivals and departures.

- Buy tickets online or from the driver (standing in front of the bus, right outside the airport exit)
- Airport stop: “Trondheim Lufthaven Værnes”,
- Clarion stop: “Solsiden”, 1.2Km from the hotel (the “Pirbadet” stop is not available at the moment).
- The bus driver will call each stop. Remember to push the STOP button!
- Cost: 189 NOK for adults, 129 NOK for students. The ticket is valid for one bus ride during the selected day (you still have to select a time)

Means of transport

FROM THE AIRPORT

- It is possible to take a taxi from the airport to the city center. It costs around 1300 NOK
- Train and bus services offer the cheapest and arguably most convenient options
- Quick links: BUS, TRAIN, SHUTTLE

It is easy to travel in and around Trondheim by bus. All buses have low entrances and ramps for easy boarding with wheelchairs and strollers. There are designated areas for both located near the driver. Buses, trams and boats are designed with good contrasts for people with reduced vision.

When the bus you want to take is approaching, you have to **signal the driver to stop for you** (just raise your hand and possible give it a gentle wave). Each stop is called and/or displayed on the bus. Remember to push the **STOP** button before the bus reaches your destination!

The simplest way to get bus tickets is to download the “ATB mobilett” app (the green one, not the grey one) for iPhone or Android. The ticket must be **valid before** you get on the bus. It is not possible to pay for the ticket inside the bus, you will have to do it up front on either the pay stations or in the app.

In the app you will be able to buy

- a single ticket (42 NOK, valid for 90 minutes after purchase)
- a 24-hour ticket (126 NOK)
- a 7-day ticket (294 NOK)

Means of transport

BUS

- **Cannot buy tickets on the bus**
- **A single ticket costs 42 NOK**
- **A bus ticket is valid for 90 minutes**
- **Remember to wave at the bus driver to signal you want to take that bus!**

Another cheap and efficient way to get around Trondheim is on a bike. City bikes are primarily used for short rides and as a supplement to public transport.

Trondheim is quite accessible by bike, but some areas or paths might miss bike lanes. In this case, ride on the far right of the car lane, or drop off the bike and walk on the sidewalk.

How it works:

1. Buy a subscription and download the app for iPhone or Android.
2. **Find a bike.** You can find the closest available bike in the app. A bike can be unlocked from 6 am until midnight.
3. **Unlock.** Tap “unlock” in the app when you’re close to a station. It will then tell you which bike is yours.
4. **Ride** as much as you want, up to 60 minutes at a time. The app watches the time for you. By adding a payment card you can extend the rental for 15 NOK per 15 minutes. Use the app to find a free parking spot.
5. You can **return** the bike to any station at any time. The closest available docks are shown in the app. Push the bike into the dock until it's locked. The front light will turn green and the bike will make a confirmation sound. Wait for confirmation that the bike has been delivered in the app.

Means of transport

BIKE

- It is very common for Norwegians to move around the city by bike
- A single ride costs 29 NOK
- A day pass costs 59 NOK

In Norway the use of electric scooters is regulated by each municipality.

In Trondheim there are a few but important rules you must follow:

- Scooters should be driven on the **bike lane** whenever possible
- It is strictly forbidden for two persons to ride the same scooter
- Make sure to park the scooter in a proper way (do not obstruct the way, check if your destination is within an allowed parking area, park the scooter in the standing position)
- You can get a **parking fee** if you do not park properly
- You cannot drive faster than 6 km/h on sidewalks when driving past pedestrians
- You cannot drive under the effects of alcohol or drugs

You can find scooters almost all over the city area. They are operated by three companies (Ryde, Tier and Voi), everyday from 5am to 23pm.

You download their apps, find a scooter, scan the QR code on the scooter by using the app and go.

The cost of a ride is per minute (around 3 NOK/min), in addition to a fixed activation cost (5 - 10 NOK). The cheapest 24h pass is from Ryde with 55 NOK.

Means of transport

SCOOTER

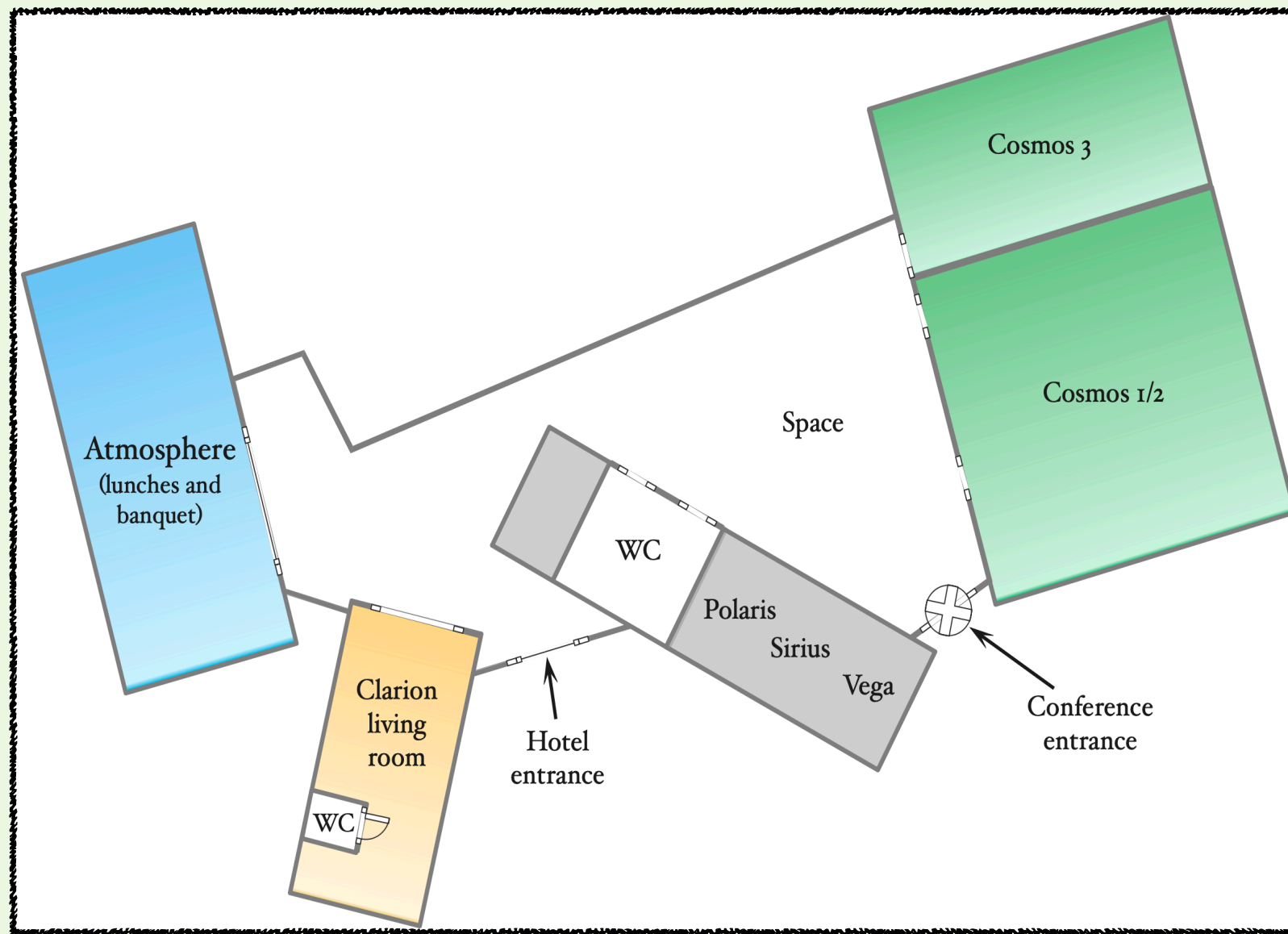
- **Introduced in Trondheim during 2019**
- **Three companies: Ryde, Tier, Voi**
- **Drive and park mindfully!**

VENUES



Venues

CLARION



Eurocrypt 2022 is hosted at the Clarion hotel and conference centre. Registration and reception, as well as the coffee breaks, will take place in the open space right at the conference entrance, named **Space**. All lunches and the banquet will be served in the dining room, named **Atmosphere**.



Venues

NIDAROS- DOMEN

The **Nidaros Cathedral** was first built in the year 1070 over the grave of Saint Olav, or King Olav II, who is seen as the founder of the Norwegian nation. During the middle ages Trondheim was one of the most important destinations for **pilgrims**, and still today active pilgrim routes exist from the south and the east. The church is named after Nidaros, which is the historic name for the city of Trondheim — the capital of Norway until 1217.

Although a cathedral has existed on this plot for almost a thousand years, the building has been destroyed, burned down, renovated and **rebuilt almost continuously** during the past thousand years. Its current iteration is the result of a large renovation that started in the 1860s.

Today the cathedral still plays a role in Norwegian life and culture. The **King of Norway** is consecrated in Nidarosdomen after being crowned, and it is where the **bishop of the Norwegian church** has her office. The church is also a centre of culture, with two large pipe organs and five active choirs. Eurocrypt's private organ concert is offered by the Mayor of Trondheim.



Venues

STUDENTER-SAMFUNDET

The **Student Society Building**, Casa Rossa or the Round Red House is one of the buildings Trondheim is most known for within the nordic countries. During the semester, Studentersamfundet functions as a concert hall, debate arena, night club, microbrewery and more — it is also home to a theatre company and the amateur radio club (call sign LAIK). Land and building are **owned by the students**, who work as volunteers to do everything from pouring beers to renovating the building itself.

In 1929 Studentersamfundet moved into its current house, which was purpose-built for that goal. It was one of the first concrete buildings in Norway, and still contains several original murals and other details. The centrepiece of the building is Storsalen, the **Grand Hall**, which through the years has welcomed a variation of guests like the Sex Pistols, all Norwegian royals and prime ministers of the last century, the Dalai Lama, Iggy Pop, and Mötorhead. This is where we are happy to host the Eurocrypt 2022 Rump Session, followed by an after party with local band Leisure Suit Lovers.

FOOD AND DRINKS



Here are a few restaurants/diners suggestions:

- “Una pizzeria e bar”, Beddingen 14. A nice Italian pizzeria located in Solsiden, as authentic as it gets given that you are in Norway. With most of the ingredients shipped from Italy, pasta and the pizza are quite good even for Italian standards. 200-250 NOK on average. Open Monday-Friday 11:00-22:00, Saturday 11:00-23:00 and Sunday 12:00-21:00
- “Le Bistro”, Munkegata 25. The food is inspired by French culinary delights and top ingredients. A good collection of dishes and great selection of wines. Open Monday-Saturday 16:00-22:00.
- “Hector Food and Fiesta”, Tmv-kaia 25, 7042, Solsiden Trondheim latest maxican eatery. California style street-food and fiesta. The place offers a variety of maxican dishes and drinks. It also have outdoor seating and can accommodate more than 100 people. Open Monday-Thursday 15:00-23:00, Friday 15:00-01:00, Saturday 13:00-01:00, Sunday 15:00-22:00.
- “KOH I NOR”, Vår Frue Strete 3, 7013. Colonial era inspired Indian restaurant. It offers a mix of western and eastern food with exciting spices and fresh ingredients. Open Sunday: Thursday 15:00-21:00, Friday, Saturday 15:00-22:00
- “SuperHero Burger”, Prinsens gate 9 and Olav Tryggvasons gate 1. For a cheap but good and fulfilling meal, we can recommend one of the places students love the most. The food is much better than what you can find at an average fast-food chain, and the prices are only slightly higher. The two locations have different opening hours, but both are open at least until 22:00 every day.

Food and drinks

FOOD

- **Cash payments are very uncommon in Trondheim, but of course accepted**
- **A meal at a restaurant costs between 200 and 400 NOK for the cheapest options**
- **The big grocery stores are closed on Sundays, but some small parts of them and small shops are allowed to stay open**

Alcohol is **expensive** in Norway. You can find beers in all grocery stores, but only until 20:00 on weekdays, and until 18:00 on Saturdays. If you want something stronger (above **4.6% vol**), shop at Vinmonopolet in Solsiden (10:00-18:00 on weekdays, 9:00-16:00 on Saturdays).

Some bars/cafés we can recommend:

- "Den Gode Nabo", Øvre bakklandet 66, 7016. Den Gode Nabo has since the nineties established itself as one of Trondheim's most visited pubs. In the beginning Naboen, as it is often referred to, was a town pub for the residents on this side of the Nidelva. It offers a variety of beers, including some of the local ones. On a sunny day, it has a large flotting jetty where one can enjoy ice-cold refreshments. Open Sunday-Wednesday 16:00-1:00, Thursday-Saturday 14:00-1:00
- "Tyven", Dronningensgate 11. Very cosy bar, drink prices are average for Trondheim and still horrible for everywhere else. You can get beer, cocktails, wine, non-alcoholic drinks, sometimes with live music. They have a courtyard that is open-air in the Summer. Open Tuesday-Thursday 18:00-1:30, Friday - Sunday 18:00-2:30.
- "Café Streif" in Nidaros Pilgrimsgård, Kjøpmannsgate 1. Directly behind Nidarosdomen and next to the old bridge on the Nidelva river. Very cosy interior with armchairs and sofas and carpets and shelves full of books. Tea tastes ok, but the rekkesmørbrød is very good and moderately priced. You can get wine, hot/cold drinks and small dishes. In summer you can sit outside on a little terrace overlooking Nidelva and Bakklandet. Open daily 11:00-16:00.
- Café "Bristol Conditori", Dronningensgate 18. Probably as close as you can get in Trondheim to a viennese café. Looks a bit as if history has forgotten it there with slightly used velvety red coffeehouse furniture and sometimes a big penguin dangling from the ceiling. Open Monday - Saturday 8:00-18:00, closed on Sunday.

Food and drinks

DRINKS

- **Alcohol is expensive in Norway**
- **Only beers can be found in grocery stores**
- **Visit Vinmonopolet to buy stronger alcoholic, or bars and restaurants**

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Diamond level:



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