Complexity Science Hub

ENGLISH

Welcome to the Complexity Science Hub!

The Complexity Science Hub (CSH) is Europe's research center for the study of complex systems, based in Vienna.

Founded in 2016, the CSH is now home to around 80 scientists driven by the growing need for a genuine understanding of the networks that underlie society – from healthcare and cybercrime to supply chains. Our researchers use methods from mathematics, computational modeling, and data and network science to translate data from a wide range of fields – including economics, medicine, ecology, and the social sciences – into actionable insights and solutions for the benefit of society.

Or, in other words: **We Are Europe's Research Center Translating Data into Solutions for a Better World** – and we're delighted to welcome you!

How to find us

Address:
Complexity Science Hub
Metternichgasse 8
1030 Vienna

1 | Enter through the large garden gate and walk through the garden. The entrance door is located in the passageway – please ring the bell there.

2 | If the large garden gate is locked, please ring the bell for "CSH" at house number 8.

When leaving the CSH:
Please note that the large garden gate is closed in the evening (from around 5 p.m.). Therefore, in the evening, do not exit to the left through the garden. Instead, go straight ahead through the long corridor and use the small door at the end.

Complexity Science Hub

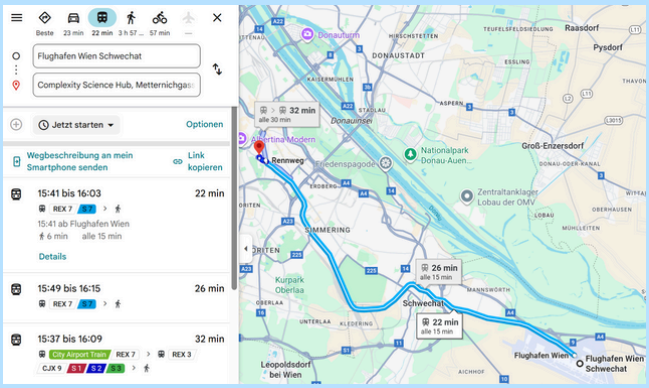
ENGLISH

By Public Transport

Stations nearby:

- Bus 4A (Am Modenapark) >> 4min
- Tram 71 (Unteres Belvedere) >> 3min
- Tram O (Rennweg) >> 6min
- Metro U4 (Stadtpark) >> 10min
- S-Bahn – S1, S2, S3, S7 (Rennweg) >> 6min

From Vienna Airport (Schwechat) to CSH (approx. 25 min):

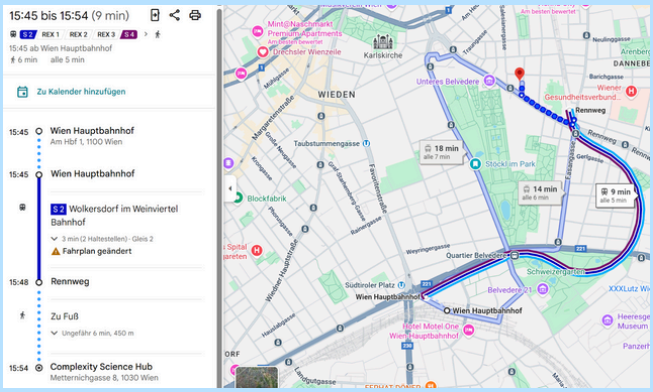


You can purchase train tickets in advance via the Austrian Federal Railways (ÖBB) app or directly at one of the red ticket machines at the station.

To get from the airport to CSH, you can take one of two trains: **REX 7** (direction Wien Floridsdorf Bahnhof) and **S7** (direction Wolkersdorf)

Get off at the station "**Rennweg**."
From there, it's about a 6-minute walk to CSH.

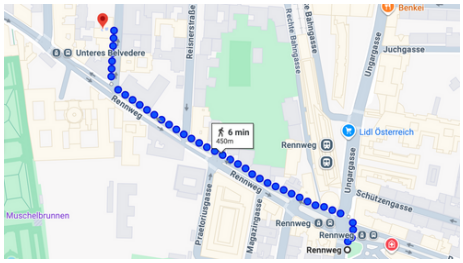
From Vienna Central Station (Hauptbahnhof) to CSH (approx. 10 min):



You can purchase train tickets in advance via the ÖBB app or at one of the red ticket machines at the station.

From the Hauptbahnhof, you can take several trains:
S1 (direction Gänserndorf Bahnhof)
S2 (direction Wolkersdorf)
S3 (direction Korneuburg Bahnhof)
S4 (direction Hausleiten b. Stockerau Bahnhof)
REX 1 (direction Břeclav)
REX 2 (direction Laa/Thaya Bahnhof)
REX 3 (direction Retz Bahnhof)
R3 (direction Stockerau Bahnhof)

Get off at the station "**Rennweg**" and walk 6mins to CSH.



Walking from Rennweg to CSH:

Follow Rennweg toward Unteres Belvedere until you reach Metternichgasse.
Turn right. You will find the entrance to CSH on the left, just before the next cross street (Jaurèsgasse).

Complexity Science Hub

ENGLISH

By Bike

There are bicycle racks available in our garden (corner of Metternichgasse and Jaurèsgasse, with a large statue in the middle). There are also public bicycle racks in front of the large garden gate on the street.

By Car

There are **two parking spaces in our garden available for guests**.

To access them, drive your car through the large garden gate. The parking spaces are located immediately on the right (next to the garbage cans). If both parking spaces are already occupied, public parking spaces are available on the street (€2.60 per hour; https://www.handyparken.at/). To ensure that a parking space is available for you on the day of your visit, please let us know in advance.

During Your Stay:

Guest WIFI

WIFI: MG8_guest
Password: mraUtB23WQ

Get to know the CSH community!

Every day at 4 p.m., we meet in the large kitchen on the ground floor for **teatime**!

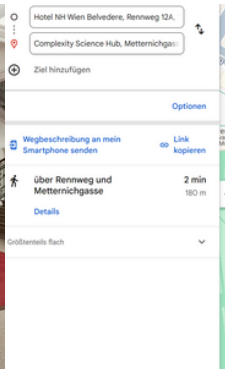
Complexity Science Hub

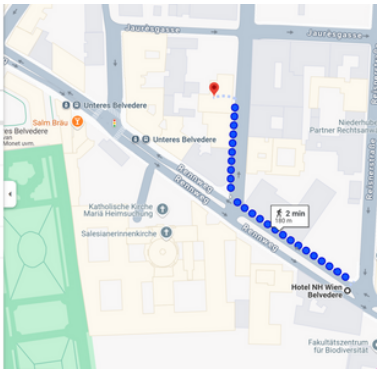
ENGLISH

Hotels – Recommendations:

1 | NH Hotel – Belvedere

- https://www.nh-hotels.com/en/hotel/nh-wien-belvedere
- from €100 per night
- only a 2-minute walk from CSH

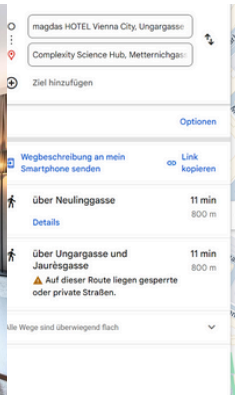



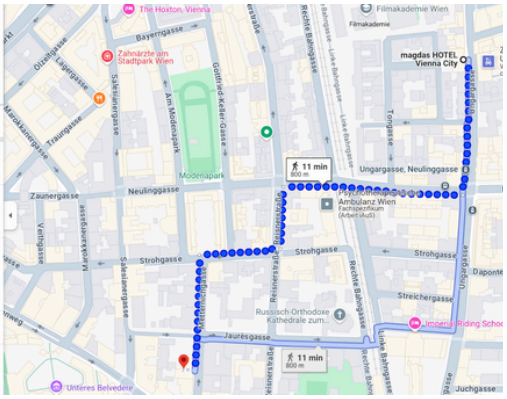


2 | magdas Hotel

- https://magdas-hotel.at/de/vienna-city
- from €90 per night
- approx. 10 min walk from CSH



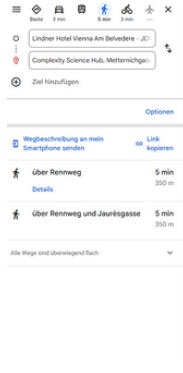




3 | Lindner Hotel

- https://lindnerhotels.com/en/hotels/lindner-hotel-vienna-am-belvedere
- from €160 per night
- approx. 5 min walk from CSH





Complexity Science Hub

ENGLISH

More about the Complexity Science Hub

Complexity Science, Piece by Piece

1 **Complexity science studies systems made up of many interconnected parts** – such as social networks, supply chains, or ecosystems.

2 **The parts of these networks are not static; they change and influence one another.** Example: If a company shuts down, it can disrupt production in other businesses, potentially affecting the entire economy

3 **Complexity researchers explore how simple rules can give rise to complex patterns.** Example: On social media, users post and share content based on personal interests. Collectively, this behavior drives large-scale phenomena like viral trends or public opinion shifts.

4 **Since complex systems shape nearly every aspect of life, insights from complexity science apply to a wide range of fields** – from economics and medicine to urban development.

Our Research

Supply chains, healthcare, migration, social networks, and mobility – our world is deeply interconnected. To understand these interdependencies and tackle complex challenges like climate change or cybercrime, we need to process vast amounts of data and extract meaningful insights.

What impact do regional supply disruptions have on the entire economy? Why do some pieces of misinformation go viral online and shape public opinion? How can we use health data to provide the best possible care for the population?

At the Complexity Science Hub, we address the pressing challenges of today and tomorrow – challenges that go beyond the boundaries of individual disciplines. We develop methods to understand how the complex systems underlying our world function and interact. Our goal is to make data-driven predictions about how these systems respond to change and how we can shape them for the benefit of society.