



25 - 27 September 2024 | Wrocław, Poland

9TH INTERNATIONAL COLLOQUIUM ON SCIENTIFIC AND FUNDAMENTAL
ASPECTS OF GNSS

INFORMATION GUIDE

1. INTRODUCTION

The 9th edition of the International Colloquium on Scientific and Fundamental Aspects of GNSS will be held in Wrocław, Poland from September 25th to 27th, 2024.

This colloquium brings together members of the European Scientific Community and their international partners involved in the use of Galileo and other GNSS in their research. The various possibilities to use Galileo and other GNSS satellites for scientific purposes shall be reviewed. The Colloquium shall contribute to GNSS development in general based on scientific approaches, in particular, to raise awareness of those in charge of Galileo development and operations as well as in the development of recent scientific achievements in the field.

The conference will be organized as a series of plenary talks, parallel half-day sessions, and poster presentations throughout the event.

[MORE INFORMATION ON THE EVENT](#)



2. PUBLIC TRANSPORT AND DIRECTIONS

In Wrocław, about twenty tram lines and over fifty bus lines operate daily. **There is no metro.** To check public transport schedules and routes, you may use one of the following applications:

- [Jakdojade](#) (highly recommended),
- [Google maps](#)
- [Moovit](#)

Public transport tickets are available in all public transport vehicles, but they can only be purchased using a payment card, a mobile phone application (SkyCash, mPay, GooglePay, ApplePay, JakDojade), or online (<https://www.urbancard.pl/>). The electronic ticket machine does not print your ticket - the ticket is encoded on your payment card. The validity of the ticket (this service is especially useful for season tickets) can be checked at the ticket machine. Tickets can also be purchased at the newsagents and from the ticket machines near bus/tram stops, where you



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can pay by cash or by card. Tickets purchased outside the vehicle must be validated immediately upon entering the tram or bus.

You are entitled to a 50% discount if you are a student or a PhD student up to the age of 26 and 35, respectively, and have a student card or an ISIC or EURO26 STUDENT card that was issued outside Poland.

There are two types of tickets - single fares and time fares. A single ticket allows you to travel on regular, suburban, express, and night lines. In the case of a time ticket, the passenger may travel by various means of transport without buying a new ticket - obviously, as long as the ticket remains valid.

Single ticket: 4.60 PLN (1.07 EUR)

Full ticket prices are available below:

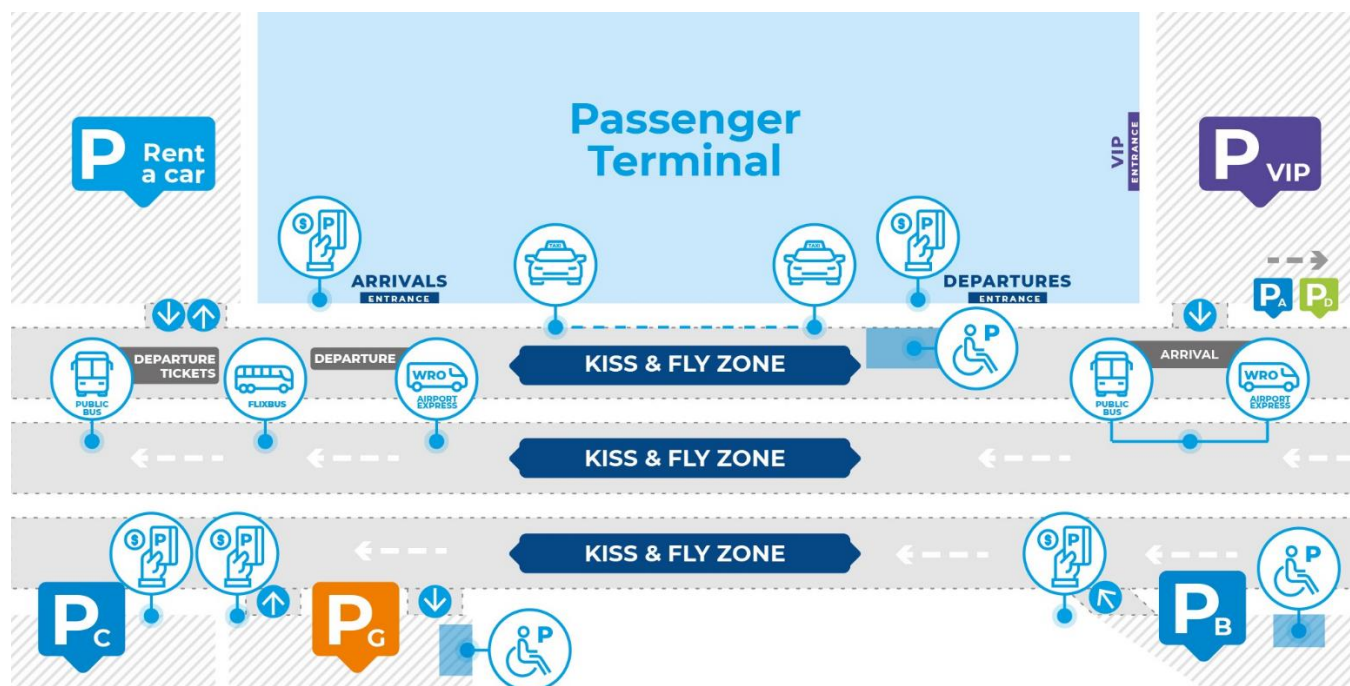
Time fares	Cost
15-minutes	3.20 PLN (~0.74 EUR)
30-minutes	4.00 PLN (~0.93 EUR)
60-minutes	5.20 PLN (~1.21 EUR)
90-minutes	7.00 PLN (~1.63 EUR)
24 hours	15.00 PLN (~3.49 EUR)
48 hours	26.00 PLN (~6.05 EUR)
72 hours	32.00 PLN (~7.45 EUR)
168 hours (7 days)	54.00 PLN (~12.57 EUR)

AIRPORT CONNECTION

❖ <https://goo.gl/maps/or6iM3gthsrxag4n7>

The Wrocław Airport (WRO) is 11 km west of the city center. Two bus lines are operating during the day from the airport to the city center, i.e. **106 and 129**, and one during the night - **206**.

The bus stop is on the right-hand side when you leave the airport:



MAIN RAILWAY TRAIN STATION CONNECTION

❖ <https://goo.gl/maps/Wf8Z1hvWuXY5bui19>

The main railway train station in Wrocław is located in the very heart of the city, close to the main bus station, only 15-20 minutes of walking distance from Market Square. Near the railway station, there are also trams (**numbers 2, 4, 9, and 17**, to the Conference Venue and bus (**numbers 145 and 146**) stops. In addition, all-night bus routes run nearby.

3. ACCOMMODATION

All participants are invited to book their accommodation, the hotels indicated on the official conference website (<https://atpi.eventsair.com/9th-gnss-science-colloquium/accommodation>) are recommended by the European Space Agency & Wrocław University of Environmental and Life Sciences.

4. RESTAURANTS

We provide a list of recommendations for restaurants and bars in Wrocław. Please note that the list is highly subjective and not an official ESA document.



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TO EAT

- ❖ Iggy Pizza – Italian cuisine (<https://maps.app.goo.gl/4kCLS3SPFPunRSz98>)
- ❖ La Maddalena (<https://maps.app.goo.gl/aA2uCB5FoDRLhFs37>)
- ❖ Whiskey in the Jar – steaks (<https://maps.app.goo.gl/cRcoUyTtHSf4uqVBA>)
- ❖ Chopper Bar & Grill – American style (<https://maps.app.goo.gl/ptp3vBV5i66qo7VK9>)
- ❖ Drevny Kocur – Czech cuisine (<https://maps.app.goo.gl/rqaWbKKWaNQr3gYBA>)
- ❖ Bar mleczny Miś – low cost bar with Polish food (en.wikipedia.org/wiki/Bar_mleczny)
(<https://maps.app.goo.gl/BZes5TUxd2kx38p1A>)
- ❖ Ragu – Italian cuisine (<https://maps.app.goo.gl/c6tZoRQ13tfkKgCw9>)
- ❖ PAMPA – (<https://maps.app.goo.gl/Zw3a5CAGJUJKndYe8>)
- ❖ ELEN food & friends – (<https://maps.app.goo.gl/fVNQzUDi7UGojJ8g6>)
- ❖ Mercado Tapas Bistro – Spanish cuisine (<https://maps.app.goo.gl/kra4TNZmKPe4yAhW7>)
- ❖ Piwnica Świdnicka – (<https://maps.app.goo.gl/TmGC12fp64eYK57Z7>)
- ❖ Młoda Polska – bistro & piano (<https://maps.app.goo.gl/rJVZ1HGoVXe6eTev7>)
- ❖ Craft – (<https://maps.app.goo.gl/KUHPvv8m7pcZiheS9>)
- ❖ Marina – (<https://maps.app.goo.gl/vmeXC2oSuBnz9N557>)
- ❖ Ida – (<https://maps.app.goo.gl/1cQg2DmHY48BkfJQ6>)

TO EAT - CLOSE TO THE CONFERENCE VENUE

- ❖ Bella Storia – Italian cuisine (<https://maps.app.goo.gl/sHBUW7obEYP9nFGe9>)
- ❖ WOO THAI – Thai food (<https://maps.app.goo.gl/mtcTWebs9y1dPov19>)
- ❖ Pasaż Grunwaldzki – shopping mall/catering area (<https://maps.app.goo.gl/RE7z18iLfn5S9ev98>)
- ❖ Panda Ramen – ramen (<https://maps.app.goo.gl/MTpPRSe2Z8zWK8Qq5>)
- ❖ Cynamon bar – Self-service (<https://maps.app.goo.gl/cMMDNAZ2akSnrRrN7>)
- ❖ Greco Studio – Greek cuisine (<https://maps.app.goo.gl/bKMqJ5FsSxQRwbwW8>)
- ❖ Thali – Indian cuisine (<https://maps.app.goo.gl/bKMqJ5FsSxQRwbwW8>)
- ❖ El Gordito – taco & burrito (<https://maps.app.goo.gl/AAk7WKFdtW3vRkuE7>)
- ❖ Chingu – Korean street food (<https://maps.app.goo.gl/AjEQdBJB2zPH5drG6>)

TO DRINK

- ❖ Remont bar – (<https://maps.app.goo.gl/fSBqLkX6KDHHJ6dV7>)
- ❖ 4HOPS – (<https://maps.app.goo.gl/TGQdsCMzqF3TZ7k6>)
- ❖ Kontynuacja – (<https://maps.app.goo.gl/KksdUSYAMC2UFZf2A>)
- ❖ Bistro Stu Mostów – (<https://maps.app.goo.gl/rjmq318yMLtHUxck7>)
- ❖ Doctors' Bar – (<https://maps.app.goo.gl/WyftAExDe4jsMaNU9>)
- ❖ Browar Złoty Pies – (<https://maps.app.goo.gl/fGqjSN8fVAiBj4Ep8>)

5. GENERAL TOURIST INFORMATION

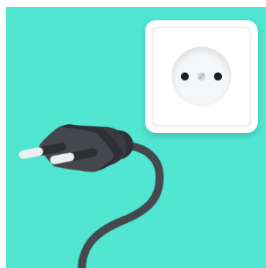
Weather: <https://meteo.imgw.pl/>

Tourist Information Center: <https://maps.app.goo.gl/XuqGRGkPa8Z748Kz9>

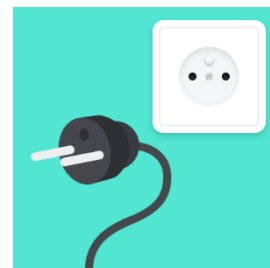
The currency in Poland is the Polish złoty (zł, PLN). If you need cash, you can use an ATM (look for the "Bankomat" banner), which you can find next to your bank branch. The most popular method of payment in almost all shops is by card. You can pay with Visa, Maestro, MasterCard, etc. An application that allows you to pay in other currencies is "Revolut".

Travel adaptor

For Poland, there are two associated plug types, types C and E. Plug type C is the plug that has two round pins and plug type E is the plug that has two round pins and a hole for the socket's male earthing pin. Poland operates on a 230V supply voltage and 50Hz. You might need a special adaptor for the type of plugs used in Poland.



Type C



Type E

6. WROCLAW TOURIST ATTRACTIONS

As the largest city of Lower Silesia, Wrocław is the region's administrative, economic, and cultural capital. Standing on twelve islands on the Oder and its four tributaries, it is often called the Venice of the North. Wrocław's monuments can be admired in various ways: while taking an individual walk or a guided tour, or while traveling by an electric car, a bike, a historic tram, or a cab. Seeing the city view from a boat on the Oder or from one of the observation towers is also worthwhile.

Detailed description of the most important tourist attractions: [TOURIST ATTRACTIONS](#)