



**SOLARNET Summer School**  
**Solar atmospheric dynamics - From waves to instabilities and jets**

**June 25 - 30, 2023**  
**GYULA, HUNGARY**

# **SUMMER SCHOOL TRAVEL GUIDE**

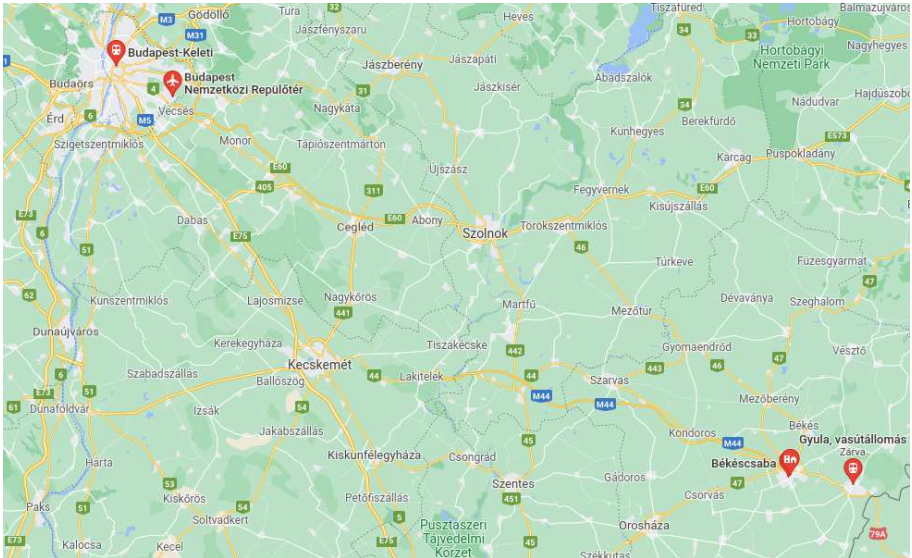
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# 1 PRACTICAL TRAVEL INFORMATIONS

## From Airport to Gyula

1. Arrival at Budapest Liszt Ferenc International Airport (traditionally known as 'Ferihegy Airport')
2. Transfer to Budapest-Keleti railway station (1 hr), not far from the city centre of Budapest, by public transport, taxi or other means of choice
3. Departure to Békéscsaba via. train (2.5 hr), the tickets can be purchased from the following website: <https://jegy.mav.hu>
4. Departure to Gyula after a train switch at Békéscsaba (20 min)
5. 7-20 min walk to the Guest Houses



Google Map view of Budapest and Gyula

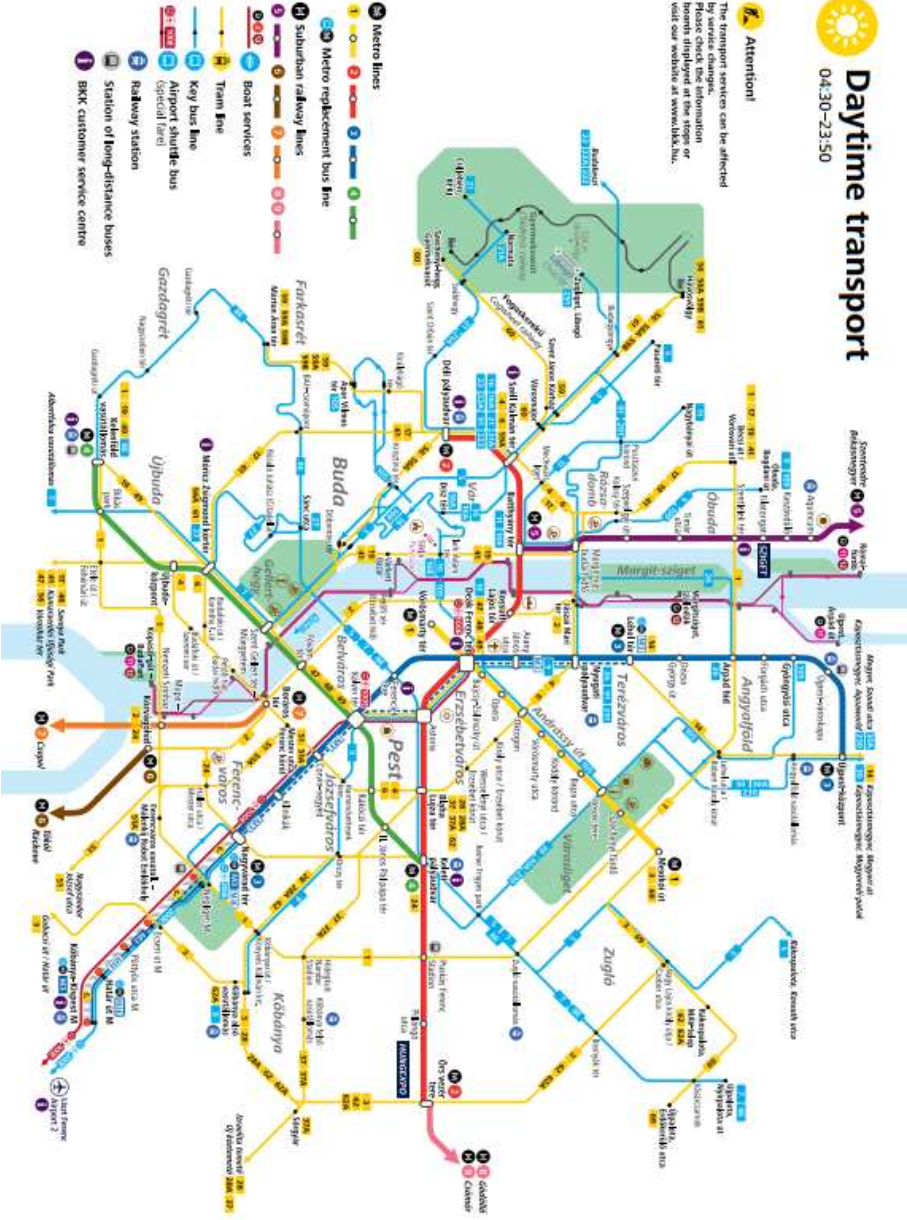


# Daytime transport

04:30–23:50

### Attention!

The transport services can be affected by service changes. Please check the information on the website of the Budapest Metro and the website of www.kidb.hu.

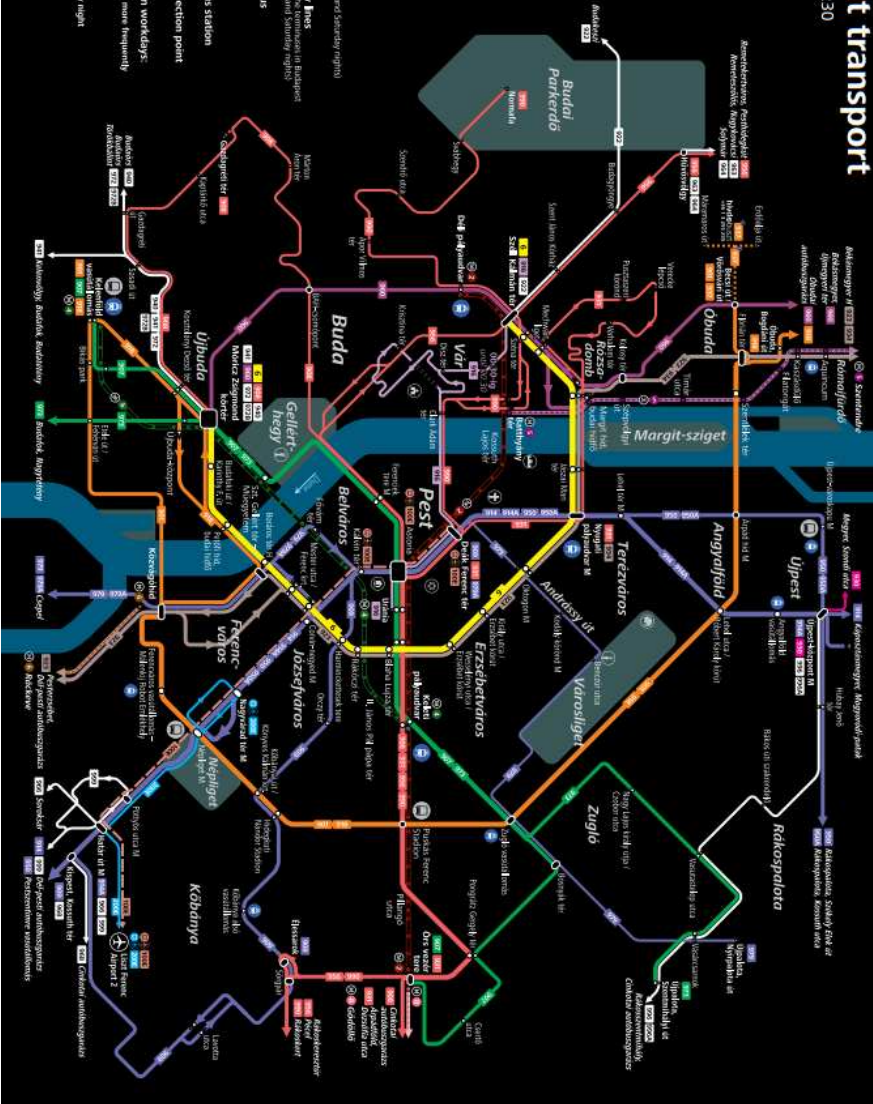


Day-time Metro Map of Budapest



# Night transport

23:50-04:30



- 1** **1st line**
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- 98** **98th line**
- 99** **99th line**
- 100** **100th line**

**Metro lines**  
 1st-5th lines (every night and Saturday nights)  
 6th-10th lines (every night)

**Suburban railway lines**  
 11-15 lines (departures from the terminus in Budapest at 23:50-04:30 in every and Saturday nights)

**Airport shuttle bus**  
 16-18 lines (special fare)

**Railway station**  
 19-21 lines

**Long-distance bus station**  
 22-24 lines

**Guaranteed connection point**  
 25-27 lines

**Average service frequency on workdays:**  
 Every 15 minutes or more frequently  
 Every 30 minutes  
 Every 60 minutes  
 One departure every night

Night-time Metro Map of Budapest

## 1.1 Arrival at Budapest Liszt Ferenc International Airport

You can find the information you need **before your flight** here:

[https://www.bud.hu/en/passengers/before\\_flight](https://www.bud.hu/en/passengers/before_flight)

You can find **flight and travel information** on the Budapest International Airport website here:

[https://www.bud.hu/en/passengers/flight\\_and\\_travel\\_information](https://www.bud.hu/en/passengers/flight_and_travel_information)

Payment by bank card is possible in most places in Hungary, including at ticket machines. Nevertheless, if you need cash, you have two options at the airport.

1. **Currency exchange (Interchange)** You will find several offices at the airport both in Terminal 2A and Terminal 2B. There is also an office in the waiting room (Skycourt). You can find their opening hours on the airport's website.
2. 16 banknote dispenser **Euronet ATMs** available non-stop to passengers at the Budapest Liszt Ferenc International Airport.
  - Skycourt Departure: 1 ATM is located in the internal transit area next to the escalator.
  - Terminal 2B Arrival: 2 ATMs at the baggage claim, 2 in the outside hall and 1 outside the building near the taxi booth.
  - Terminal 2A Arrival: 3 ATMs at the baggage claim, 5 in the outside hall and 1 outside the building near the taxi booth.
  - Pier 1: 1 ATM is located next to Heinemann Duty-Free.

Unlike other Euronet ATMs across the city, this particular ATM does not charge a commission to withdraw cash if you have a HUF account (multi-currency Forex card). OTP Bank ATMs throughout the city also do not charge any commission to withdraw if you have a HUF account.

## 1.2 From Budapest Airport to Keleti railway station

Public transport provides easy access to the city centre from Budapest Airport (HUN: *Liszt Ferenc Nemzetközi Repülőtér*). **The bus stops are located on the arrivals level, between the two terminals 2A and 2B on the ground floor level.** A 100E bus should take you to Deák Ferenc tér, a key transport hub on the Pest side of the city. The buses run around the clock, every 7-9 minutes on busy Mondays, Fridays and Sundays, every 10 minutes on other days with less traffic, and every 30-40 minutes between 1.00 and 3:00 in the morning. Attention! Passengers require a **special ticket for bus line 100E**: the airport shuttlebus single ticket costs 1,500 HUF. Other types of tickets or passes are NOT accepted on this direct service.

Would you choose to get to **Deák Ferenc tér via. the bus 100E, the final stop of 100E, next, you will need to take the M2 metro (red line) to Keleti railway station (HUN: *Keleti-pályaudvar*)**. Alternatively, you can also get off 100E earlier at **Kálvin tér, and from there take the M4 metro (green line) to Keleti Railway Station.**

From the Airport, another option is the **bus 200E**, which departs from next to the bus 100E. Due to the renovation of the metro network, the route of this bus often changes, so **we do not recommend it!** If you do choose this, you have to transfer to the M1 metro (blue line) at Kőbánya-Kispest metro station and get off at Deák Ferenc tér. Depending on the renovation of the metro, some sections of the metro will be replaced by buses.

**Whether you go to Keleti Railway Station from Deák Ferenc tér or Kálvin tér, you will need a single ticket.** This must be validated at the metro entrance and kept until the exit, as they can be requested anywhere in the metro area. If you choose the 200E bus, you can also board this bus with an other single ticket (only at the first door) and you can validate your ticket next to the door when boarding.



Ticket Vending Machines in Budapest

## Tickets and travelcards

### Single tickets

 <b>Single ticket</b> 350 HUF	 <b>Block of 10 single tickets</b> 3 000 HUF
 <b>Transfer ticket</b> 530 HUF	 <b>Airport shuttle bus single ticket (100E)</b>

The *single ticket* is valid only for one trip on a single line without interruption, on the full length of the route. Transfers between the metro lines are possible with the ticket.

With the *transfer ticket*, you can change to another service once. Validate ticket number 1 for the first vehicle and ticket number 2 after you transfer.

### Travelcards

 <b>24-hour travelcard</b> 1 650 HUF	 <b>24-hour group travelcard</b> 3 300 HUF
 <b>72-hour travelcard</b> 4 150 HUF	 <b>Seven-day travelcard</b> 4 950 HUF

Up to five passengers travelling together may use the group travelcard.

Special fares apply to boats, bus line 100E, services leaving Budapest as well as to heritage transport vehicles. For a full list of travel products, terms and conditions of free and discounted travel please visit [bkk.hu](http://bkk.hu)

## Where to get your ticket



### Ticket vending machines

Tickets and passes every day, round the clock with cash or bankcard.

### BKK Customer Service Centres

Maps and brochures are also available. Cash and bankcards are accepted.

### On board

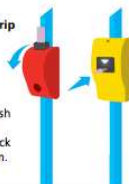
Only single ticket for a higher price. Please have the exact amount ready as the driver does not have change.

## Always validate your ticket

You must validate your ticket as soon as you board. On the metro network, stamp your ticket with the validating machine before you enter the station. No need to validate travelcards or passes.

### Validate your ticket at the beginning of your trip

To use the old-style, manual validator, insert your ticket into the opening on top and punch it by pulling the frame of the slot towards you. Keep your ticket until the end of your trip. Inspectors will issue a penalty fare to you if you travel without a validated ticket. You can pay in cash on the spot or you can also pay with a bankcard at designated customer service centres. Please check [bkk.hu/en/ticket-validation](http://bkk.hu/en/ticket-validation) for more information.



## Tickets and travelcards



**i** **Közösségi közlekedés a repülőtérrel a belvárosba**  
*From the airport to the city centre by public transport*



**100E**

**Átszállás nélkül / No transfer required**  
 Egyedi díjszabás / Special fare

**Egy éjszaka**  
 Night and day

**00:00–24:00**



**200E**

**Átszállással / Transfers required**  
 Normál díjszabás / Regular fare

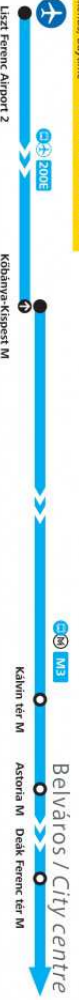
**Hétköznap napközben**  
 On weekdays, daytime

**03:45–20:28**



**Hétköznap este**  
 On weekday evenings

**20:29–23:04**



**Hétköznap éjjel**  
 At night on weekdays

**23:05–03:44**



**BUDAPEST**



**BUDAPEST**



**BUDAPEST 100**  
 Közösségi közlekedés  
 Public transport info  
 Budapest Airport  
 A részletekért forduljon az alábbi telefonszámra. Az információkat angol nyelven is megkérdezheti.

Shuttle Service Route from Budapest airport to city centre

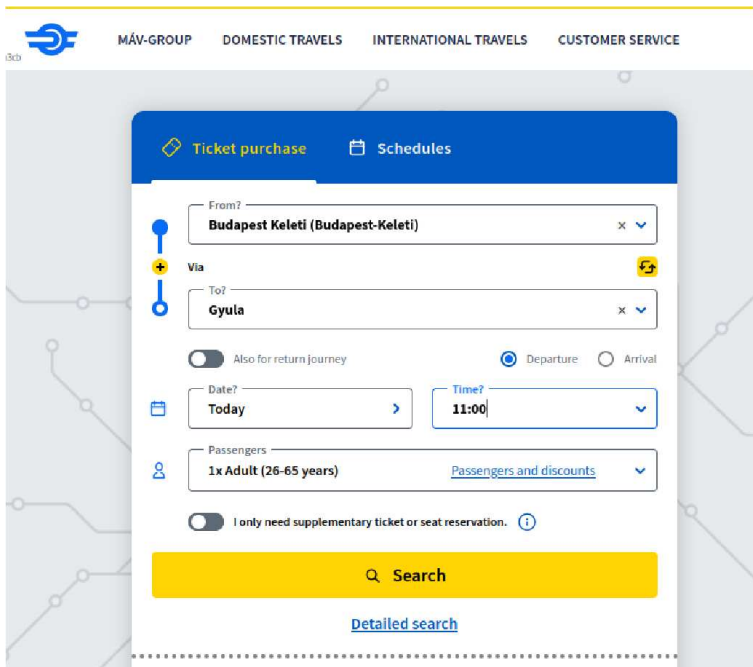
### 1.3 From Keleti railway station to Gyula via Békéscsaba



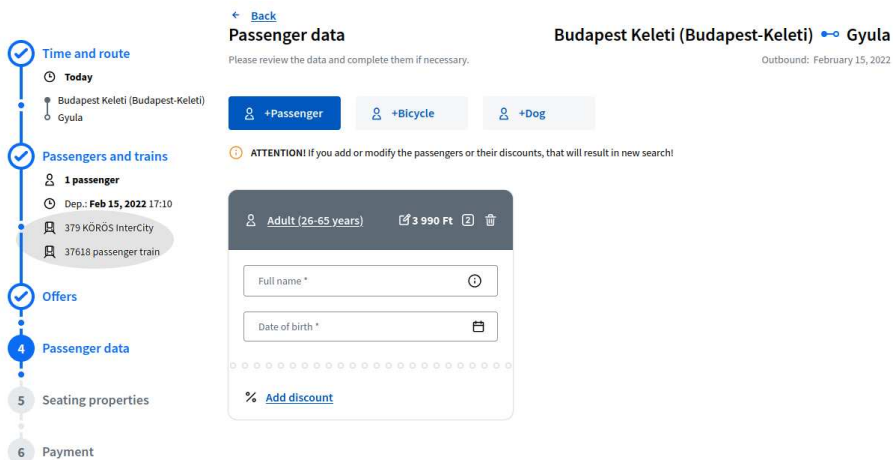
There are no direct trains between Budapest to Gyula. Hence the train journey involves a transfer at Békéscsaba. Trains to Gyula leave from Keleti Railway Station every hour from 07:10. The last trains leave at 18:10 and 20:10. The total journey time is approximately 2 hours 50 minutes.

The train tickets may be purchased online or directly at the train station at the ticket office. We definitely recommend the former and would advise you to please visit the following website: <https://jegy.mav.hu>. The illustration below will help you what to type when purchasing the rail ticket! It is important to select the right train numbers (see the gray box).

Once you type in your travel details like departure and arrival station and time of departure, a list of train options should appear. While selecting your ticket, for a more comfortable journey, we advise you to opt for the ticket with a green symbol and with a 2 in a box (2nd class).



Booking Tickets - <https://jegy.mav.hu> website



Train numbers - <https://jegy.mav.hu> website

## 2 LOCATIONS

### 2.1 Summer School locations

#### Accommodation - Guest Houses

Accommodation will be provided at the Guest Houses of the Council of Gyula city.

- 1. Guest House (48 Béke Avenue, Gyula)
- 2. Guest House (2 Szent László Street, Gyula)

**We will hold the Welcome Reception in the garden of the 2nd guest house (Monday 26 June, 17:30 onwards) at nr 2 Szent László Street. We will make together "Hungarian goulash and stew paprikas on open fire. We'll provide the ingredients and you can test your cooking skills :-D.**



1 Guest House



2 Guest House

## Almásy Mansion



Lectures and coffee breaks will be here in the Almásy Mansion. This will also be the venue for the conference dinner (Almásy Mansion Roof Terrace, Thursday 29 June, 19:00).

The historically insignificant lives of domestic staff has always been mysterious, however, the Almásy Mansion exposes these secrets. On top of the colourful lives of the once inhabiting aristocrats, the everyday existence of their serving staff is also showcased.

With the help of 21st century interactive technology, the exhibition offers the experience of discovery to the visitor by showing who stoked the stoves, how many litres of water were consumed in a day, who laundered the undergarments of the countess, what was the daily schedule of the domestic staff like, what were their responsibilities, as well as where and how they lived while making the lives of the aristocratic family comfortable invisibly and unnoticed.

You can find many interesting things on the castle's website:  
<https://gyulaikastely.hu/en/>.

## Bay Zoltán Solar Observatory (GSO)



Arrive at the Observatory in about a 15-minute comfortable walk from the train station (*HUN: vasútállomás*). The Observatory is located at 'Göndöcs-kert' (Göndöcs Garden, that is actually a nice park), at the top of the Gyula Water Tower (*HUN: Gyulai víztorny*). One cannot miss it as it is 46 m tall! A simple google search should help you find it (search: Göndöcs-kert).

## Gyula Castle

**Informal welcome: Gyula Castle Bufe Rondella, Sunday 25 June, 18:00 onwards**

The castle's archaeological excavation and reconstruction began in the 1950s, the museum and theatre opened in 1962 and 1964 respectively. It has been in its today's state since 2005, awaiting visitors with 24 exhibition halls. A small, but typical fortress dating back to XV. century. The first factual mention of the fortress building is from 1445. From the construction to its surrender for the Turks, Gyula Fortress can be linked significantly with the royal court.



## Gyula Castle Bath (Aquapark)



**Bring your own bath suitm, as on Wednesday 29 June, 17:00-19:00 we plan to have a relaxing session in the spa!**

Budapest is the „spa and bath capital” of Europe, and Gyula is the cousin. One of the most beautiful lido and thermal baths of Hungary, the Gyula Castle Spa has been developed in the former 8.5-hectare park of the Almásy mansion. At present, it is a nature conservation area. At placing buildings and pools it was an important standpoint that the construction would influence the trees in the mansion park the least of all, and a green surface as spacious as possible would await the visitors arriving here. It would be a great shame not to try out the various, hot (and also ice-cold) pools naturally enriched with minerals that revive your body!

## Conference trip - Visit Wenckheim Palace (Szabadkígyós)

**Visit Wenckheim Palace (Szabadkígyós), Thursday 29, 15:30-18:30**



One of the most imposing Wenckheim palaces of Hungary hides in Szabadkígyós. The main building is adorned with towers and a Renaissance-style terrace with a loggia. The 23-hectare palace garden has been a protected area, one of the most well-known sites of the Körös-Maros National Park, since 1954. In front of the stately house, there lies a Baroque garden created from sculpted boxwoods and yews with a fountain in its

centre. The romantic English landscape garden surrounding the building attracts visitors to walk around the artificial pond and over the bridges. The park boasts the oldest and largest plane tree of the county.

The exhibition focuses on true local tales and anecdotes told by local heroes in their own words. Visitors plunge into a world of magic where interactivity plays a central role.

As guests of the comital family of Wenckheim, visitors approach the building through the elegant original main entrance, much as the former inhabitants and their guests did. Tickets for the exhibition can be purchased at the ticket desk in the foyer, where interactive equipment can be obtained upon request as well.



Visitors then use the terminals to enter their names in the guest book, which has been maintained unabatedly by the palace's residents for so many years. Once the data has been entered, each visitor can print his or her own personalised visiting card, which includes a period photograph corresponding to the visitor's age group.

## 2.2 Services in Gyula

Here is a non-exhaustive list of services in Gyula.

### Grocery Stores

- SzuperMarket, Real-Elesker Kft, Kossuth Lajos tér 5. (12 min)
- CBA, Pósteleki utca 22. (10 min)
- Budrio ABC, Real-Elesker Kft., Béke sgrt. 69. (12 min)
- Tom Market, Béke sgrt. 14 (7 min)

### Bakeries

- Idesuss Pekseg, Béke sgrt. 10. (8 min)
- Pekseg, Megyehaz utca 10. (13 min)
- Lipoti Pekseg, Kossuth Lajos tér 3. (11 min)

### Pharmacy

- Coronella Patika, Nürnbergi utca 1., (6 min) - closed on Sunday!

### Taxi

- 5700 Gyula Béke sugárút 9-11.
- +36 (66) 444333
- <https://gyulataxi.eu>

### Békés County Assembly Pandy Kalman Hospital

- Semmelweis 1. GPS: 46.640114,21.274912
- +36 66 526 526
- <https://bmkk.eu>
- If it's a big problem and the person answering the phone doesn't speak English, you can also call me +36304162995.

### Gym

- Atlas Fitness Center, Gyula Leiningen u. 2, (7 min)

### Restaurants

- Sörpince Vendéglő, Kossuth Lajos tér 2 (11 min)
- Komló Étterem, Béke sgrt. 8 (9 min)
- Venezia Pizzéria, Jókai Mór u. 20 (8 min)
- Hamburger Bar, Dr. Adler Ignác u. 1 (11 min); Delivery: <https://hambibar.hu>



## 2.3 Sights of Gyula

ERKEL SQUARE in Gyula is located in the immediate vicinity of Petőfi square. The bronze bust of Ferenc Erkel (a famous Hungarian composer, besides Zoltan Kodaly and Bela Bartok ), inaugurated on June 26, 1896, was created by Ede Kallós. Erkel Square was renovated in 2020, one of the special parts of which is the lighting planted in the cobblestones around the statue, which symbolizes the sheet music and notes of the Hungarian national anthem. There is also the famous „100-year-old confectionery” in the square, next to which rises the Catholic parish church of Our Lady of Nádi.



**THE CENTENNIAL CONFECTIONERY** The second oldest confectionery in Hungary, which operates since 1840 in the beautiful building built in imperial style, with walls covered by paintings and furnished by unaltered original Biedermeier furniture offers its traditional cakes, sugar powdered slices, chocolates and ice creams of many different assortments. This con-

fectionery succeeds in taking its guests back in time and in the environment full of bustle of the old fashioned „cafes” of the last century of which only a few remained untouched like this.

## 3 OTHER INFORMATIONS

### Hungarian 101

- Hello - Szia
- Good morning! - Jó reggelt!
- Goodbye! - Viszlát!
- Could you write that down, please. - Kérem ezt írja le.
- I need help, please! - Kérem, segítsen!
- Would you show me... - Meg tudná mutatni...
- Where does the train depart to Gyula? - Honnan indul a vonat Gyulára?

### Emergency

Emergency and some important numbers:

- Hungary's international area code: +36
- Free emergency hotline available 24/7: 112
- Ambulance: 104 (Mentő)
- Fire service: 105 (Tűzoltóság)
- Police: 107 (Rendőrség)
- Information hotline of the Hungarian State Railways (MÁVDIREKT):  
+36 40 349 4949

## 4 QUESTIONS?

For further questions, you can send an email to [solarphysicsfoundation@gmail.com](mailto:solarphysicsfoundation@gmail.com) or visit

[http://hspf.eu/Summer\\_School\\_2023/solarnet\\_gyula.html](http://hspf.eu/Summer_School_2023/solarnet_gyula.html) website.