

# **ELI User Meeting 2025**

18-20 June 2025

# **Information brochure**

The Extreme Light Infrastructure ERIC Szeged, Hungary



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#### **User Meeting 2025 Programme:**

The complete programme of ELI User Meeting (UM 2025) and information on the parallel events organised during this week is available on the <u>ELI User Meeting 2025 Indico page</u>.



### **Programme Overview:**

Tuesday, 17 June 2025

From 13:00 - Registrations and welcome coffee

15:00 - 17:00 - **ELI Facilities Tours** 

17:30 and 18:15 - Conference bus from ELI to Szeged Hunguest Hotel Forras and Art hotel

#### Wednesday, 18 June 2025

#### 08:00 - Conference bus from Hunguest Hotel Forras and Art hotel

(for participants who indicated this option in the registration form)

09:00 - Welcome (Gábor Szabó, ELI ALPS)

09:20 - Overview of ELI facilities science and technology and User Programme

10:45 - Coffee Break

11:15 - Keynote speaker (Thomas Pfeifer, Max Planck Institut)

12:00 - Lunch

13:00 - 15:00 | Highlights of experiments - Part 1

- AMO and Physical Chemistry
- Ion Acceleration, Overdense Plasma/Radiation, Applications

15:00 - Advancing Science and Technology at ELI (poster session & coffee)

16:15 - Thematic workshops - Part 1 - 3 Parallel Sessions:

- Radiobiology with laser-driven sources
- Machine learning and AI applications in laser-matter interactions
- Strong field physics with MIR wavelengths

19:00 - Conference bus to dinner venue (for participants who registered for this option)

**19:30 - Dinner | Szeged Castle** (for participants who registered for dinner)



#### Thursday, 19 June 2025

#### 08:00 - Conference bus from Hunguest Hotel Forras and Art hotel

(for participants who indicated this option in the registration form)

09:15 - Keynote Lecture (Katalin Hideghety, ELI ALPS)

10:00 – 12:00 | Highlights of Experiments – Part 2 - 2 Parallel Sessions

- Material and Surface Science
- Electron Acceleration, Underdense Plasma/Radiation, Application

12:00 - Lunch

13:00 - X-lites Session

14:00 - User Community Building - Structured discussion

14:45 - Coffee Break

15:00 – 17:00 - Thematic workshops – Part 2 - 3 Parallel Sessions:

- Advanced targetry for laser-matter interaction
- Laser-plasma and secondary source diagnostics
- Applications of structured laser pulse at relativistic intensities

17:00 - 19:00 - Interactive Poster Session and Refreshment

19:00 - Conference bus to Szeged centre (for participants who registered for this option)

**20:00 - Optional Sightseeing tour** (for participants who sign up for this option during on-site registration)

#### Friday, 20 June 2025

08:00 - Conference bus (Hunguest Hotel Forras and Art hotel)

09:15 - Keynote Lecture (Kim Ta Phuoc, Centre national de la recherche scientifique (CNRS))

10:00 - Coffee Break

10:15 - Conclusions of Thematic workshops

11:30 - Poster awards and wrap up

12:00 - Coffee and light lunch

#### **Photography and Videography:**

Please note that photos and video recordings will be taken throughout the event for promotional purposes and shared via the ELI channels and used in promotional materials. If you do not wish to appear in these materials, kindly notify the organising team prior to the event. Find the <a href="ELI GDPR">ELI GDPR</a> and <a href="Privacy Policy available">Privacy Policy available</a>.



### **ELI ALPS Facility and Registration Information**

The event venue is the <u>ELI ALPS Facility</u>, easily <u>accessible via the main highway</u> and well-connected to the city. Designed to meet the unique demands of cutting-edge research, it also offers an ideal venue for a variety of events. While Building A houses state-of-the-art laser technology halls, Building C is the vibrant hub for conferences and social gatherings.

At its heart lies the striking "Brain" conference hall, accommodating 200 guests, surrounded by open, light-filled spaces — ideal for poster sessions, exhibitions, and networking. The facility also offers multiple smaller meeting rooms and additional areas, with a professional team supporting events in this dynamic research environment.

Address of the venue:

The Extreme Light Infrastructure ERIC – ELI ALPS Facility
Wolfgang Sandner u. 3.
Szeged, 6728
Hungary



Registrations open\_on Tuesday 17 June from 13:00 CEST and on Wednesday 18 June from 8:00 CEST at the entrance of the Facility. Our colleagues will be at your assistance during the full duration of the event.

Please note that according to the safety regulations of ELI ALPS, you will only be able to enter the facility after **showing your valid ID/passport** and filling out the registration form with the correct data.

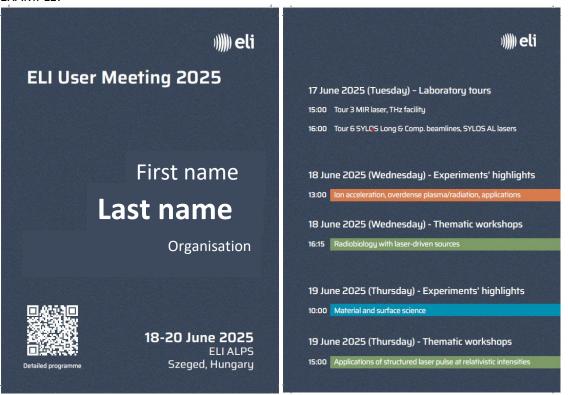


An overview of **the event venue** with all conference rooms, catering and poster session areas is available here:



To help you navigate the building and find your way between different locations and sessions, you'll find which Laboratory Tours, Thematic Workshops, and Highlight of Experiments sessions you registered for on the **back of your event badge**:

#### **EXAMPLE:**





## **Travel to and from Szeged**

#### **Arriving to Szeged**

#### From Budapest Airport (BUD)

After arriving at **Budapest Liszt Ferenc International Airport** (formerly Ferihegy Airport), you can take **bus No. 200E** from the airport to **Ferihegy train station**. From there, you can catch an **InterCity train** on the Budapest–Ferihegy–Cegléd–Kecskemét–Szeged line. Trains depart from **Ferihegy Station to Szeged** every **60 minutes**, from **6:12 to 21:12**, with one final departure after **22:00**. The journey takes approximately **2 hours and 4 minutes**.

#### **From Budapest City Centre**

If you're already in Budapest (e.g. arriving by train or another mode of transport), we recommend boarding the train at **Budapest Nyugati Railway Station**, where trains to Szeged depart every **60** minutes, between **5:50** and **20:50**.

#### **Train tickets**

When purchasing your train ticket, you can choose between **standard class** and **IC (InterCity) class**. IC class offers more comfortable, air-conditioned seating and requires a **supplementary ticket** in addition to the base fare. You can buy your train tickets at the stations or online too: <a href="https://iegy.mav.hu/">https://iegy.mav.hu/</a> – and also check the schedules here.

#### Airport transfer

We suggest that you use the services of the following shuttle companies:

GREENtransfer: <a href="https://zoldtranszfer.hu/eng.html">https://zoldtranszfer.hu/eng.html</a>

Pegazustransfer: <a href="http://pegazustranszfer.hu/en\_EN/fooldal">http://pegazustranszfer.hu/en\_EN/fooldal</a>

#### Taxi companies

The most convenient and probably the fastest solution in Szeged is to take a taxi to your chosen hotel. If you choose this option, we recommend the following taxi companies:

Tempó taxi: <a href="https://tempotaxi.hu/">https://tempotaxi.hu/</a> Rádió taxi: <a href="https://radiotaxi-szeged.hu/">https://radiotaxi-szeged.hu/</a>

## **Accommodation in Szeged**

We suggested booking your accommodation at **Hunguest Hotel Forrás Szeged**, which is a modern, 4-star hotel with well-equipped and spacious rooms and spa services located in downtown Szeged. The hotel is a pleasant 10-minute walk away from the city centre, through the Belvárosi Bridge.

#### **Address and Contacts:**

Address: H-6726 Szeged, Szent-Györgyi Albert u. 16-24.

Phone: +36 62 490 490

Contact: hotelforras@hunguesthotels.hu Website: https://hotelforrasszeged.hu/en



# **Local transport**

#### **Conference buses**

As the **ELI ALPS building is located outside the city** centre of Szeged, dedicated conference shuttle buses will be provided from **two locations** in the city:

- Hunguest Hotel Forrás Szeged (6726 Szeged, Szent-Györgyi Albert utca 16–24.)
- Art Hotel Szeged (centrally located 6720 Szeged, Somogyi utca 16.)

Buses will **depart from these 2 pick-up** points on:

- Wednesday, 18 June at 8:00 CEST
- Thursday, 19 June at 8:00 CEST
- Friday, 20 June at 8:00 CEST.

#### Return buses are organised on:

- Tuesday, 17 June at 17:30 (after the Facility tour) to 2 hotels.
- Tuesday, 17 June at 18:15 (after X-lites workshop) to 2 hotels.
- Wednesday, 18 June at 19:00 for the dinner in the centre of Szeged
- Thursday, 19 June at 19:00 to 2 hotels and Mora Museum.

These shuttle services are **free of charge**. Please note that seats have been **allocated based on the information provided in the registration forms**. We cannot guarantee seating for participants who did not indicate their need for local transport in the registration form or via the dedicated survey.

#### **Public transport**

We recommend taking bus lines 71 or 72.

If you are departing from **Hotel Forrás**, the nearest bus stops are **'Napfényfürdő'** or **'Torontál tér'**. Please **disembark at 'Öthalmi diáklakások'**, then walk approximately **5 to 8 minutes** to reach the **ELI ALPS Facility**.

Tickets can be purchased onboard using a credit card or at designated ticket offices.

#### **Taxis**

See above.



### **Facility tours**

#### Laboratory Tours - 17 June afternoon

Participants of the User Meeting had the opportunity to register for a guided tour of the ELI ALPS Facility, offering an exclusive chance to explore our state-of-the-art research environment.

#### **17 June 2025, Tuesday**

15:00-16:00 CEST: 1st round (Tour 1-7. in parallel) 16:00-17:00 CEST: 2nd round (Tour 1-7. in parallel)

The tours follow a designated visitor route, starting from the Registration Desk in Building C and leading to the laser halls and research facilities in Building A.

#### The specific route options:

Tour 1 (HFPW laser, SYLOS2 laser, MIR HE laser)

Tour 2 (HR1 and HR2 lasers, TAS, MDOS)

Tour 3 (MIR laser, THz facility, THz HE, NLTSF)

Tour 4 (NanoFabrication and RadioBiology labs)

Tour 5 (SHHG PW, UFO, ePW, SHHG SYLOS, eSYLOS, LEIA)

Tour 6 (SYLOS Long, SYLOS Compact, SYLOS Alignment 1 and 2 lasers, LIDT)

Tour 7 (HR Cond, NanoESCA, HR Gas, ReMi, HR Alignment laser)

To help you find your way, the specific tour(s) you signed up for are listed on the back of your badge.

Participants who visit our laboratories should also sign the **logbook of compliance with safety requirements** when registering at the reception desk – please ask for more information there.

### **Conference Dinner – 18 June evening**

On **18 June, Wednesday**, a joint conference dinner at <u>Szeged Castle</u> - **Vármúzeum** (Stefánia út 3., Szeged) will be held from **19:30 CEST**. The location is in the city centre, a pleasant walk away from Hunguest Hotel Forrás, crossing the River Tisza through Belvárosi Bridge.

Please note this is only for participants who indicated this option in the registration form.







### Szeged Sightseeing – 19 June evening

A guided **sightseeing tour** will be offered on **Thursday, 19 June, starting at 20:00 CEST**. The walk will last approximately 1 to 1.5 hours, providing a pleasant evening opportunity to explore Szeged.

If you are interested in joining, please register for the tour at the registration desk by 19 June, no later than 9:00. Meeting point will be shared upon registration.

Participation is on a first-come, first-served basis, so make sure to secure your place in time. The guide can accommodate up to 50 participants, with audio devices provided for easier listening during the walk.

### **City of Szeged**

Szeged is the seat of Csongrád-Csanád County and is located in the centre of the South Alföld

(Southern Great Plain) Region, at the confluence of the Maros and Tisza rivers. It is the largest city in south-eastern Hungary, with approximately 160,000 inhabitants. Szeged is often referred to as the "city of sunshine" with over 2,100 sunny hours each year. Szeged is a "Regional knowledge centre" due to the outstanding work of the <u>University of Szeged</u> and the <u>Biological Research Centre</u> — and now the <u>Extreme Light Infrastructure</u>. Szeged offers a hive of activities and tourist spots which a visitor can enjoy in the city.



### **Contacts**

In case you need help or have questions during the event, please feel free to contact the following members of the UM organising team: <a href="mailto:um@eli-laser.eu">um@eli-laser.eu</a>

#### Stay Connected!

Tag us or use the hashtag #ELIUserMeeting2025 when posting on social media!

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