

## Physics in Ljubljana 2025

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Before 9:30	8:00 Pick up at the hostel 9:00 <b>Welcome</b>				8:15 Bus from the hostel 9:00 Peter Jeglič: <b>Atom-based quantum computing and sensing</b>
9:30	Igor Vaskivskiy: <b>Hidden states of matter</b>	Lorenzo Ubaldi: <b>Particle physics and cosmology</b>	Matjaž Humar: <b>Soft and biological photonics</b>	Miha Mihovilovič: <b>Ever-changing proton radius ?!</b>	Luka Snoj: <b>Nuclear energy</b>
10:15	Maša Lah: <b>Acoustic simulations in open molecular systems</b>	Gašper Kokot: <b>Experimental soft matter physics at F7 JSI</b>	Urban Simončič: <b>A tour of medical physics</b>	Vladan Markov: <b>From stars to dust: The building blocks of galaxies</b>	<b>Lab visits</b>
11:00	Lenart Zadnik: <b>Physics of being stuck: From glasses to quantum many-body systems</b>	Jaka Zaplotnik: <b>Highlights from theoretical soft matter and photonics</b>	Matej Pregelj: <b>Neutron scattering in frustrated spin systems</b>	Jernej Mravlje: <b>Condensed matter theory at F1: From iron in Earth's core to quantum simulators</b>	
11:45	Lunch	Lunch	11:45 Group photo 12:00 Lunch	Lunch	12:15 Bus from Reactor
13:00	Denis Golež: <b>Driven quantum matter</b>	Rok Pestotnik: <b>High-performing accessible medical imaging</b>	Primož Koželj: <b>Magnetism in high-entropy alloys: Basic science and potential applications</b>	Matjaž Gomilšek: <b>Ab initio approaches in condensed matter</b>	12:45 Lunch
13:45	Katarina Kosovelj: <b>Meteorology at FMF</b>	<b>Lab visit</b>	Matej Krajnc: <b>Emergent elasticity of epithelial tissues</b>	<b>Lab visit</b>	
14:30	Primož Zihert: <b>Study programs at FMF</b>	<b>Lab visit</b>	<b>Informal meeting with international students</b>	<b>Lab visit</b>	
15:15	<b>Lab visit</b>		<b>Lab visit</b>		

**General information:** Breakfast at your hostel will be from 7:00–9:30 daily. Lectures will start at 9:30 in hall P.02 at the Faculty from Monday–Thursday. Lunch at Kavarna Mafija, in the same building as the lecture hall (<https://maps.app.goo.gl/TjXwTb88r9yppsY29>), will be from 11:45–13:00 Monday–Thursday and from 12:45–13:45 on Friday.

**Sunday, 29<sup>th</sup> June:** No plans besides hostel check-in and an optional dinner at **19:00 at the Saraj restaurant** (bosnian style food) in the city center, a short 9-minute walk from your hostel (<https://maps.app.goo.gl/bL85SyvN3zPyioJ76>), or a 10-minute walk from the main bus/train station ([https://maps.app.goo.gl/22uwkW6fqkj\\$ztMDA](https://maps.app.goo.gl/22uwkW6fqkj$ztMDA)).

**Monday, 30<sup>th</sup> June:**

We will **gather in front of the hostel at exactly 8:00**. For Monday and Tuesday laboratory tours, you will be split into 3 groups (led by Matjaž Humar, Martin Klanjšek, and Primož Koželj) in a lab rotation marked by **Lab visit** in the timetable. Groups will gather in front of the Faculty to start their tour, which will last until ~16:00 (Monday) and ~15:15 (Tuesday).

**Tuesday, 1<sup>st</sup> July:**

The Mon–Tue lab rotation (marked by **Lab visit** in the timetable) will finish by ~15:15.

**Wednesday, 2<sup>nd</sup> July:**

Before lunch, at 11:45, we will take a quick group photo in front of the Faculty. After the lectures, at 14:30, you will have the opportunity to meet and chat with current and former international students at the Faculty in the F1 lecture hall. After that, the next lab rotation, which will take place on Wednesday and Thursday and is marked by **Lab visit** (led by Rok Dolenc, Rainer Kaltenbaek, and Anže Mraz) in the timetable, will start in front of the Faculty. The lab visit will last until ~16:00 (Wednesday) and ~15:15 (Tuesday).

**Thursday, 3<sup>rd</sup> July:**

The Wed–Thu lab rotation (marked by **Lab visit** in the timetable) will finish by ~15:15.

**Friday, 4<sup>th</sup> July:**

We will **depart from your hostel at 8:15** towards the Reactor Center Podgorica **by bus**. After lectures from 9:00–10:15, there will be **Lab visits** to the nuclear reactor and the cold-atoms laboratory. After these, we will return to the Faculty for a lunch break from 12:45 to 13:45.

**Saturday, 5<sup>th</sup> July:**

No plans besides hostel check-out and departures. We hope you had a good stay and that we will see you again soon!