

Physics in Ljubljana 2023

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Before 9:30	8:00 Pick up at hostel 9:00 Welcome				8:15 Bus from hostel 9:00 Peter Jeglič: Quantum technologies with cold atoms
9:30	Saša Prelovšek Komelj: Strong interactions ab-initio	Ljiljana Lazikić: International Office	Jelena Vesić: FAIR - Universe in the laboratory	Andrej Studen: A tour of medical physics	Aljaž Čufar: Nuclear energy research and education
10:15	Ahishya Thevalil Harsgan: Journey of Galaxies	Katarina Kosovelj: Meteorology at FMF	Matej Kanduč: How much we can stretch water?	Tomaž Prosen: Quantum Many-Body Chaos	Lab visits
11:00	Tilen Potisk: Simulations: a tool to advance materials science	Martin Klanjšek: Quantum spin liquids in honeycomb magnets	Matjaž Gomilšek: Ab initio quantum descriptions of condensed matter	Jeffrey Everts: Brownian motion in complex environments	
11:45	Lunch	Lunch	Lunch	Lunch	12:15 Bus from Reactor
13:00	Matjaž Humar: Bio-integrated photonics	Nerea Sebastián: Light and (Soft) Matter	Denis Golež: Driven quantum materials	Luka Šantelj: New Physics searches at the Belle II experiment	12:45 Lunch
13:45	Lenart Zadnik: Integrability out of equilibrium	Primož Koželj: Magnetism in CoFeNi-based high-entropy alloys	Miha Ravnik: Complex soft matter: structure and light	Igor Vaskivskiy: What can we learn in a few picoseconds?	Zala Lenarčič: Quantum open systems
14:30	Primož Zihert: Study programs at FMF	Lab visit	Igor Muševič: Topology and photonics with liquid crystals	Lab visit	Lorenzo Ubaldi: Particle physics on earth and in the sky
15:15	Lab visit	Lab visit	Lab visit	Lab visit	Andreja Šarlah: New types of problems - what are they and how to design them
16:00	16:45 Walking tour of Ljubljana	Informal meeting with international students			

Breakfast at your hostel will be from **7:00–9:30** every day, while **lectures** will start at **9:30** in hall F1 at the Faculty from Mon–Thu. On Mon we will gather in front of the hostel at 8:00 exactly. **Lunch at Kavarna Mafija**, close to the lecture hall (<https://goo.gl/maps/ZuYJbRc98LKDMaGT8>), will be from **11:45–13:00 Mon–Thu** and from **12:45–13:45 on Friday**. You will be able to select your lunch dishes from a menu every morning.

Monday, 3rd July:

For Monday and Tuesday laboratory tours, you will be split into 3 groups (lead by Humar, Klanjšek, and 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. **At 16:45 we will again gather in front of the Faculty for a walking tour of Ljubljana**, which will **end at 18:30 at Pivovarna in Pivnica Kratochwill where we will have dinner [up to 16 € and drinks are on you]**, which is about a 7-minute walk from your hostel (see attached map <https://goo.gl/maps/ebxMjBungW9Czmx5>).

Tuesday, 4th July:

The Monday–Tuesday lab rotation (marked by **Lab visit** in the timetable) will finish by ~16:00. After that, you will have the opportunity to meet and chat with current and former international students at the Faculty in the F1 lecture hall. **At 18:30**, we will meet again for **dinner at Pizzeria Foculus [up to 16 € and drinks are on you]**, a 17-minute walk from your hostel (see attached map <https://goo.gl/maps/miL8eLUWcKw47ViY8>).

Wednesday, 5th July:

The next lab rotation will take place on Wednesday and Thursday and is marked by **Lab visit** (led by Pestotnik, Kaltenbaek, and Vaskivskiy) in the timetable. The lab visit will last until ~16:00, after which you will be free. **At 18:30**, we will meet again for **dinner, this time at Cantina Mexicana [up to 16 € and drinks are on you]**, a 10-minute walk from your hostel (attached map <https://goo.gl/maps/KJF5c8CX5cstD8QN7>).

Thursday, 6th July:

The Wednesday–Thursday lab rotation (marked by **Lab visit** in the timetable) will finish by ~16:00, after which you will be free. **At 18:30**, we will meet again for **dinner, this time at Hombre [up to 16 € and drinks are on you]**, about a 6-minute walk **from the Faculty** (see attached map <https://goo.gl/maps/juPziNapoWzUU31U9>). As the restaurant is closer to the Faculty than to your hostel, we recommend that you take a shorter walk along the Gradaščica stream or a longer one through the nearby Tivoli park to spend the time until dinner.

Friday, 7th 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. After these we will return to the Faculty for a lunch break from 12:45 to 13:45 and for the final two lectures, after which you will be free. **At 18:30**, we will meet again for **dinner, this time at Pivovarna in Pivnica Kratochwill [up to 16 € and drinks are on you]**, about a 7-minute walk from your hostel (see attached map <https://goo.gl/maps/ebxMjBungW9Czmx5>).

Saturday, 8th July:

We will **depart from your hostel at 7:30** towards Bled **by bus**. At 9:00, we will visit the Bled Vintgar Gorge, which includes an hour and a half of an easy hike. At 11:30, we will arrive at Bled and make a brief stop at Josip Plemelj's villa. At 12:30, we will have lunch at the Murka Restaurant and then visit the Bled Castle at 13:45. After 15:30, you will have a free afternoon with activities like swimming in Lake Bled, visit to the Bled Island (Pletna boat 18€), several sights around Bled (St. Martin church, Belvedere, ...) and others. We will leave Bled at 18:00 from the Bled Bus station, have dinner at the Gala-In restaurants at 18.30, and finally return to Ljubljana at 20:30.

Sunday, 9th July: This day has no plans besides hostel check-out and departures. We hope that you had a good stay and we hope to see you again in the near future!