

Physics in Ljubljana 2022

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:30	Nerea Sebastián: Light and (Soft) Matter	Katja Cerar: International Office	Špela Krušič: Toward coherent x-ray lasers	Rok Žitko: Quantum impurity physics	8:15 Bus from hostel 9:00 Peter Jeglič: Quantum technologies with cold atoms
10:15	Nejc Košnik: Challenges in Theoretical Particle Physics	Katarina Kosovelj: Meteorology at FMF	Denis Golež: Driven quantum materials	Matej Kranjc: Mechanics of biological tissues and their tumors	9:30 Aljaž Čufar: Nuclear energy research and education
11:00	Simon Čopar: Highlights from theoretical soft matter physics	Gorazd Planinšič: Helping students learn to think like physicists	Matjaž Gomilšek: Ab initio quantum descriptions of matter	Lev Vidmar: What are ergodicity breaking transitions?	10:15 Lab visits
12:00	Lunch	Lunch	Lunch	Lunch	12:15 Bus from Reactor
13:00	Andrej Studen: A tour of medical physics	Tina Arh: Experimental insights into quantum spin liquid physics	Rainer O. Kaltenbaek: Quantum entanglement, quantum optomechanics, and the foundations of physics	Primož Žihel: Study programs at FMF	12:45 Lunch
13:45	Matjaž Humar: Living lasers	Tomaž Zwitter: Astrophysics@FMF: from first stars in the Universe to massive stellar surveys, interstellar medium and our Sun	Matej Praprotnik: Computer simulation of biomolecular systems	Borut P. Kerševan: Experimental particle physics - what is going on	Miha Mihovilovič: The proton radius puzzle
14:30	Lab visit	Primož Koželj: Magnetism in high-entropy alloys	Lab visit	Igor Vaskivskiy: Hidden states of matter in under a picosecond	Luka Leskovec: Opportunities in Lattice Quantum Chromodynamics
15:15	Lab visit	Lab visit	Lab visit	Lab visit	
15:45		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. **Lunch at Kavarna Mafija**, close to the lecture hall (<https://goo.gl/maps/ZuYJbRc98LKDMaGT8>), will be from **12:00–13:00 Mon–Thu** and from **12:45–13:45 on Friday**.

Monday, 4th July:

For Monday and Tuesday laboratory tours, you will be split into 3 groups (lead by Humar, Studen, and Koželj) in a lab rotation marked by **Lab visit** in the timetable. Lab visits will last until ~16:00. After that you will be **free until 19:00** to explore the city. **At 19:00**, we will meet again for **dinner, again at Cantina Mexicana [up to 12 € and drinks are on you]** (the same place as on Sunday), about a 10-minute walk from your hostel (see attached map <https://goo.gl/maps/4vn9Zntjdmdp29s18>).

Tuesday, 5th July:

The Monday–Tuesday lab rotation (marked by **Lab visit** in the timetable) will finish by ~15:45. After that you will have the opportunity to meet and chat with international students at the Faculty in the F1 lecture hall. **At 19:00**, we will meet again for **dinner, this time at Pivovarna in Pivnica Kratochwill [up to 12 € and drinks are on you]**, about a 7-minute walk from your hostel (see attached map <https://goo.gl/maps/ebxMjBungW9Czmux5>).

Wednesday, 6th July:

The next lab rotation will take place on Wednesday and Thursday and is marked by **Lab visit** in the timetable. The lab visit will last until ~16:00, after which you will be free. **At 19:00**, we will meet again for **dinner, this time at Ljubljanski dvor [up to 12 € and drinks are on you]**, about a 13-minute walk from your hostel (see attached map <https://goo.gl/maps/HkHuZYozarKuY3AV9>).

Thursday, 7th 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 19:00**, we will meet again for **dinner, this time at Cantina Mexicana [up to 12 € and drinks are on you]**, about a 10-minute walk from your hostel (see attached map <https://goo.gl/maps/4vn9Zntjdmdp29s18>).

Friday, 8th 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**. After these we will return to the Faculty for a lunch break from 12:45 to 13:45 and two more lectures, after which you will be free. **At 19:00**, we will meet again for **dinner, this time at Pivovarna in Pivnica Kratochwill [up to 12 € and drinks are on you]**, about a 7-minute walk from your hostel (see attached map <https://goo.gl/maps/ebxMjBungW9Czmux5>).

Saturday, 9th July:

We will **depart from your hostel at 9:00** towards Bled **by bus**. At 10:00 we will visit the Bled castle and then you will be free to walk around the lake, take a swim, or visit the Bled island. At 13:00 we will depart to “Gostilna Fortuna” for lunch from 13:30 until 15:15. After a short walk we will visit “Blejski vintgar” [Vintgar Gorge] at 15:30 for ~2 hours. At 18:00, we will depart towards Gala IN for dinner [up to 10 € and drinks are on you] from 18:30 until 20:15, returning to your hostel by 21:00.

Sunday, 10th July:

There are no plans for this day besides hostel check-out and departures. We hope you had a good stay and hope to see you again in the near future!