

## Physics in Ljubljana 2024

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Before 9:30	8:00 Pick up at hostel 9:00 <b>Welcome</b>	8:30 Completing any missing tax documents			8:15 Bus from hostel 9:00 Klemen Ambrožič: <b>Nuclear energy research and education</b>
9:30	Lorenzo Ubaldi: <b>Particle physics and cosmology</b>	Ljiljana Lazikić: <b>International office</b>	Rainer Kaltenbaek: <b>Quantum optics &amp; quantum communication</b>	Andrej Studen: <b>A tour of medical physics</b>	Peter Jeglič: <b>Quantum technologies with atoms</b>
10:15	Miha Muškinja: <b>Highlights from the ATLAS experiment at CERN</b>	Katarina Kosovelj: <b>Meteorology at FMF</b>	Matej Kranjc: <b>Vertex model of tissue mechanics</b>	Amaury Coste: <b>When molecular simulation meets machine learning</b>	<a href="#">Lab visits</a>
11:00	Enej Ilievski: <b>Exact solutions in quantum many-body physics</b>	Andrej Zorko: <b>Spectroscopy of quantum magnets</b>	Žiga Kos: <b>Nonequilibrium topological soft matter</b>	Jelena Vesić: <b>Nuclear physics with exotic beams</b>	
11:45	Lunch	Lunch	11:45 Group photo 12:00 Lunch	Lunch	12:15 Bus from Reactor
13:00	Matjaž Humar: <b>Biological and edible lasers</b>	Gašper Kokot: <b>Experimental soft matter physics at F7 JSI</b>	Matjaž Gomilšek: <b>Quantum <i>ab initio</i> descriptions of condensed matter</b>	Gregor Traven: <b>Learning about the Galaxy with ground and space-based observatories</b>	12:45 Lunch
13:45	Jaka Vodeb: <b>Quantum computation and simulation</b>	Primož Koželj: <b>Magnetism in high-entropy alloys: Basic science and potential applications</b>	Denis Golež: <b>Driven quantum materials</b>	Anže Mraz: <b>Charge configuration memristor and how to fabricate a device</b>	Sergej Faletič: <b>Leveraging the scientific process to teach quantum physics</b>
14:30	Simon Širca: <b>Study programs at FMF</b>	<b>Lab visit</b>	Igor Muševič: <b>Topology and photonics with liquid crystals</b>	<b>Lab visit</b>	Zala Lenarčič: <b>Driven open quantum systems with symmetries</b>
15:15	<b>Lab visit</b>	<b>Lab visit</b>	<b>Lab visit</b>	<b>Lab visit</b>	Luka Leskovec: <b>A short introduction to lattice quantum chromo dynamics in Ljubljana</b>
16:00		<b>Informal meeting with international students</b>			
17:00		<b>Walking tour of Ljubljana</b>			

**General information:** Breakfast at your hostel will be from 7:00–9:30 daily. Lectures will start at 9:30 in hall F1 at the Faculty from Monday–Thursday. Lunch at Kavarna Mafija, close to the lecture hall (<https://goo.gl/maps/ZuYJbRc98LKDMaGT8>), will be from 11:45–13:00 Monday–Thursday and from 12:45–13:45 on Friday. You will be able to select your lunch dishes from a menu every morning. Dinners will be covered up to 16 € of food per person, while you have to pay for your drinks yourselves.

**Sunday, 30<sup>th</sup> June:** No plans besides hostel check-in and dinner at 19:00 at Cantina Mexicana in the city center, a short 10-minute walk from your hostel (<https://goo.gl/maps/4vn9Zntjmdp29s18>).

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

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 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 19:00 with dinner at Pizzeria & Bar Hombre, about a 7-minute walk from the Faculty (<https://goo.gl/maps/juPziNqpoWzUU31U9>).

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

At 8:30 we will fill out your tax documents. The Mon–Tue 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 19:00, we will meet for dinner at Gostišče Julči, about a 12-minute walk from the Faculty (<https://maps.app.goo.gl/qZrXWfGqYjeT6nSB8>).

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

The next lab rotation will take place on Wednesday and Thursday and is marked by Lab visit (led by Dolenc, Kaltenbaek, and Mraz) 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 again at Pizzeria & Bar Hombre, about a 7-minute walk from the Faculty (<https://goo.gl/maps/juPziNqpoWzUU31U9>).

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

The Wed–Thu 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 at Pizzeria Foculus, a 17-minute walk from your hostel (<https://goo.gl/maps/mil8eLUWcKw47ViY8>).

**Friday, 5<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. 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 19:00, we will meet again for dinner at Gostišče Julči, about a 12-minute walk from the Faculty (<https://maps.app.goo.gl/qZrXWfGqYjeT6nSB8>).

**Saturday, 6<sup>th</sup> July:**

We will gather in front of your hostel at 6:45 (be early!) and go to Bled by bus. At 8:50, we will visit the Bled Vintgar Gorge, which includes an hour and a half of an easy hike, and from 11:00 until 12:20 visit the Bled Castle. At 12:45 we will have lunch at Penzion Zaka in Bled, after which you will have a free afternoon with activities like swimming in Lake Bled, visiting the Bled Island (the Pletna boat is 18 €), visiting several sights around Bled (St. Martin church, Belvedere, ...), and others. At 17:00 we will gather in front Penzion Zaka again, and then visit Josip Plemelj's villa. At 17:45 we will leave Bled from the main bus station and head to dinner at Gostilna Pri Slavki. We will be back in Ljubljana before 20:30.

**Sunday, 7<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!