

ELIXIR-IT, in collaboration with the University of Milano Bicocca and SysBio, is pleased to announce the “Summer School on Metabolic Modeling”, taking place **17–19 September 2025** at the Department of Biotechnology and Biosciences, University of Milano-Bicocca, Italy.

The Summer School on Metabolic Modeling offers an in-depth, hands-on overview of current methods in computational systems biology, with a focus on metabolic networks. Participants will explore:

- Constraint-based modeling and data integration
- Kinetic and multiscale models of central metabolism
- Applications of machine learning to metabolic systems

The school is designed for PhD students, postdocs and researchers interested in learning both the theoretical foundations and practical tools for modeling metabolism across biological scales.

Preliminary Programme

[Link](#)

Organizing and Scientific Committee

Marco Vanoni, Chiara Damiani, Pasquale Palumbo and Valentina Pasquale

Fee and application

The course does not include a fee. To apply for the Summer School on Metabolic Modeling, please send a brief motivation letter to the following email address:

 metabolicschool@gmail.com

Seats Available: Limited to 40 participants

Application Deadline: **30th July 2025**. Selected participants will be notified by the 12th of August 2025.

Teaching Language

Suitable for English-speaking participants.

Requirements

It is recommended the participants have a portable computer for hands-on and tutorial session.

Venue

The course will be held at the Department of Biotechnologies and Biosciences of University of Milano located in Piazza della Scienza 2, Milan, Building Bios (U3).

Travel info

The Department of Biotechnology and Biosciences of the University of Milan-Bicocca is located in the north-east of Milan, in an area between Viale Sarca and the Milano Greco Pirelli train station.

By plane:

From/To Malpensa Airport:

By Train: From Terminal T1-T2 it's possible to take Malpensa Express train which connects Malpensa Airport directly with Milano, stopping at Cadorna, Centrale, Porta Garibaldi and Bovispa stations. Trains are scheduled every 30 minutes.

By Bus: bus connections between Malpensa Airport T1-T2 and Milano Central Station and are operated by these bus lines: Malpensa Shuttle (Air Pullman), Malpensa Airport Bus Express (Autostradale), Terravision, Caronte. Average travel time: 45 minutes.

By Taxi: several radio taxi services are available at both Milano Malpensa Airport Terminals. The taxi ranks are located at the ARRIVALS, on the ground floor, at gate 6 of Terminal 1 and at gate 4 at Terminal 2. Fixed taxi fare from/to Malpensa to/from Milano: 104 €.

From/To Linate Airport:

By metro: from Linate is available the new metro line 4 (blue), which intersects line 1 at the San Babila stop (see "by subway" section).

By bus: the bus connections between the city of Milano and the neighboring municipalities and Linate Airport are operated by various bus lines: ATM, Airbus, Starfly, Autoguidovie, and Air Pullman. Travel time: to/from Milano city centre (Duomo): 60 minutes – to/from Milano Central Station: 25 minutes.

By taxi: several radiotaxi services are available at Milano Linate. The taxi ranks are located at the ARRIVALS, at the ground floor, at gate 5.

From/To Milan Bergamo Airport:

By bus: the bus connections to the centre of Milano are operated by different bus companies: Terravision, Autostradale, Orio Shuttle, Flixbus. Travel time to Milano Central Station: 50 minutes; fares starting from 10€.

By taxi: the taxi ranks are located at the ARRIVALS.

By train:

The nearest station to the University of Milan-Bicocca is Milano Greco Pirelli, served directly by the railway lines:

- S9 Seregno-Milano S. Cristoforo
- S8 Lecco-Milano-Pta Garibaldi
- S11 Chiasso-Milano Pta Garibaldi

Regional trains:

- Milano-Treviglio-Brescia
- Milano-Bergamo via Carnate
- Milano-Monza-Molteno-Lecco
- Milano-Lodi-Piacenza
- Milano-Pavia- Voghera

The Milano Greco Pirelli station can be reached from the stations of:

- Milano Pta Garibaldi in about 7 minutes with 4 runs every hour;
- Milano Lambrate in about 7 minutes with the S9 line, and R trains from/to Brescia, plus some trains from Piacenza, Voghera.
- From the Central Station you can take bus 87.

With the subway:

- Line 5: Bicocca stop, in Viale Fulvio Testi near Piazza della Scienza
- Line 1: Precotto stop then tram line 7 in the direction of Piazzale Lagosta.

By Tram:

- Line 31: Bicocca M5 stop, Viale Fulvio Testi 184
- Line 7: stop Università Bicocca Scienza for the buildings near Piazza della Scienza U1/U2/U3/U4

By Bus

- Line 87: it runs along the avenues inside the campus, the line connects Sesto Marelli to the Central Station.
- Line 51: Via Arganini - Via Della Pila stop
- Line 81: from Via Breda - Via Rucellai stop you can use the pedestrian underpass to reach Piazzale Egeo.