

LOGIC COLLOQUIUM

July 23–28
Udine, Italy

2018

lc18.uniud.it



Practical Information

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SPONSORS

The event is made possible thanks to the financial support of:

- Università degli Studi di Udine
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- Association for Symbolic Logic
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- National Science Foundation
- Associazione Italiana di Logica e sue Applicazioni
- Società Italiana di Logica e Filosofia delle Scienze
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ORGANIZING INSTITUTION

Logic Colloquium 2018 (LC18) is organized by members of the Department of Mathematics, Computer Science and Physics at the University of Udine.

LOCAL ORGANIZING COMMITTEE

- Giovanna D’Agostino, Co-chair (Università degli Studi di Udine)
- Angelo Montanari, Co-chair (Università degli Studi di Udine)
- Vincenzo Dimonte (Università degli Studi di Udine)
- Guido Gherardi (Università di Bologna Alma Mater)
- Alberto Marcone (Università degli Studi di Udine)
- Franco Parlamento (Università degli Studi di Udine)
- Carla Piazza (Università degli Studi di Udine)
- Dario Della Monica (Istituto Nazionale di Alta Matematica “F. Severi”)
- Marta Fiori Carones (Università degli Studi di Udine)
- Emanuele Frittaion (University of Lisbon)
- Nicola Gigante (Università degli Studi di Udine)
- Alberto Molinari (Università degli Studi di Udine)
- Manlio Valenti (Università degli Studi di Udine)

CONTACT INFORMATION

For non-urgent matters, please use the following e-mail address:

lc18@uniud.it

For urgent matters, please call one of the following organizing committee members on-site representatives, who will be available during the event:

- Alberto Marcone +39 331 1041 250
- Giovanna D’Agostino +39 380 1027 995

Emergency Number. The emergency phone number in Italy is 112.

LOCATION

LC18 will take place at the Department of Economics and Statistics (“Dipartimento di Scienze Economiche e Statistiche”) of the University of Udine in Via Francesco Tomadini, 30, Udine. There is also a back entrance, closer to piazza I Maggio, from Via Benedetto Cairoli, through a dusty parking lot.

On-site registration and information. On Sunday 22nd, the Information and Registration Desk will be at the *Sala del Consiglio* of Palazzo Garzolini di Toppo Wassermann, via Gemona, 92, Udine, from 19.00 to 21.00. During the conference the registration and information desk will be clearly indicated.

Internet access. The University of Udine offers WiFi connection via the eduroam service within all its buildings (see <https://www.eduroam.org>).

If your institution is part of the eduroam community, then please be sure to obtain a working and updated eduroam account as soon as possible. The account has to be granted from your institution and properly configured on the devices you intend to use during LC18.

If your institution is not part of the eduroam community, and you want to have access to the web and to your email during the conference days, you should have contacted the organizers well in advance.

There are no cable connection or desktop computers at the conference location.

Rooms for informal meetings. Rooms G and I (the latter except during the contributed papers sessions) are available for informal meetings and discussions.

Book exhibition. The following publishers have kindly agreed to participate: Cambridge University Press, College Publications, Oxford University Press, Springer, and World Scientific.

Social media. Do not forget to share the best moments of LC18 with your followers!

Printing. The closest place where to print is ‘Scuoleria.it’, in via Treppo, 27, Udine, Mon-Fri 9-12.

ATM. In Italy, ATMs are called *Bancomat*. The ones closest to the conference venue are at the following addresses:

- via della Prefettura, 9, Udine;
- via Cividale, 18, Udine.

Anyway, in the city center there are many.

EVENTS

Welcome reception. On Monday July 23, 19.30-21.30, there will be a welcome reception at Loggia del Lionello in Piazza della Libertà. The reception is included in the registration fee for the main participants (additional tickets were available for €18 per person).

Excursions. On Wednesday, July 25, there will be three guided excursions:

- (1) Fusine lakes for an iconic landscape of the Julian Alps.
Bus will depart from Piazza I Maggio, Udine, at 14:00.
Expected return in Udine at 19:30.
- (2) Aquileia for a guided tour through a Roman archeological site and Christian mosaics (4th century).
Bus will depart from Piazza I Maggio, Udine, at 14:15.
Expected return in Udine at 19:30.
- (3) Udine for a guided tour through the town and a visit to Tiepolo's paintings.
The tour starts from Piazza I Maggio, Udine, at 15:00.

Conference dinner. On Wednesday, July 25, a conference dinner is organized. The dinner will take place at Villa de Claricini Dornpacher, a 17th century Venetian villa outside Udine. Before dinner, there will be the opportunity to visit the villa rooms and buy wines produced in the cellar.

The buses will depart from Piazza I Maggio, Udine, around 19:30, right after the arrival of the two groups that have chosen the excursions outside Udine.

MOVING INSIDE UDINE

Public transportation. Many bus stops near the conference venue allow it to be easily reached by bus from anywhere in the city.

Bus tickets can be bought at most newsstands, bars, and tobacco shops (look for the T sign or a SAF sticker on the door). The single ticket costs €1.25. It is also possible to buy a carnet of 10 tickets, with a little discount (€11.70), or a daily pass (€4.35). The single ticket can be also bought on board for certain lines, but it costs €2.00. The ticket shop of the bus company is located in viale Europa Unita (in front of the train station main entrance). It is possible to find information about the lines and purchase tickets there too.

The webpage <http://www.saf.ud.it/RicercaOrari2.aspx?area=UD> (select the option "Urbano Udine") provides a journey planner. You can also find complete information about bus lines, with times and stops, in pdf format at <http://www.saf.ud.it/cms/data/pages/000152.aspx>

Here is a list of suggested bus stops, ordered according to their walking distance from the conference:

Bus line	Bus stop	Walking distance to venue
No. 8 or 9	Via Treppo 35	1 mins
No. 2	Via Treppo 22	2 mins
No. 7 or 10	Via S.Agostino Fronte 2	3 mins
No. 4	V.le Trieste 84	7 mins
No. 1 or 3	Via Vittorio Veneto 6	9 mins

Bicycle rental. Bicycles are popular in Udine and there are many cycle-lanes (admittedly, not always in top shape). The city runs a bike sharing service, called UDINEbike. When you register for the service, you receive an electronic card which allows you to take a bicycle from one of the bike stations and use it freely for thirty minutes. After this time, €0,54 is charged for the second half an hour and €2,54 per hour afterwards. If you reach the conference venue from your hotel, you do not need to ride more than half an hour, so the only expenses are:

- caution of €10, given back after you return the card;
- €10 for the initial charge.

You can register at the office “Sistema sosta e mobilità”, located in Piazza I Maggio 11, very close to the conference venue. It is open Monday and Thursday, from 8:30 to 16:30, and Tuesday, Wednesday, and Friday, from 8:30 to 14:30. A list and a map of the bike stations are at <http://www.bicincitta.com/frmLeStazioniComune.aspx?ID=126>

The station closest to the conference venue is at Teatro Nuovo; another one is close to the Bertoni Institute, where many participants are staying.

For more information about UDINEbike visit <http://www.ssm.it/udine-bike-bike-sharing-ssm>.

If you would like to explore Udine and its surroundings by bike, we suggest you to rent a bike from the tourist office, located in Piazza I Maggio. This service is free for tourists and allows you to ride the bike till closing time of the office. Some bike shops also rent bikes.

Taxi. The main taxi provider in Udine is Radiotaxi, ph. 0432 505858 (call center in Milan, but local service).

In Italy, as in many European nations, the full service of Uber is illegal, and in Udine there is no service at all.

LOCAL FOOD GUIDE

Frico: The king of Friulian cuisine. It is a wafer of shredded cheese and potatoes, heated by baking or frying until crisp. It is found only in this region, since to be prepared it needs higher-fat hard cheeses like the local Montasio or Asiago. Highly nutritious, usually served with polenta.

- Polenta:** Not only Friulian, but typical of all northern Italy, it is boiled cornmeal, sometimes served as hot porridge, sometimes solidified and grilled. Of humble origins, it is now a world-wide staple of upscale restaurants.
- Brovada:** It is a side dish of roasts or boiled meats. It is made with turnips macerated in grapeskins and then slow-cooked with oil and laurel.
- Musetto:** Typically sided with *brovada*, it is a kind of *cotechino* (large pork sausage) made only with the muzzle of the pig, spiced and boiled at low heat for several hours.
- Cjarsons:** They are a kind of ravioli that have the dough enriched by potatoes. There are many variants, but the characteristic of the filling is that it mixes sweet and salty, so, for instance, one can find inside cinnamon, spinach, jam, and ricotta cheese.
- Sarde in saor:** Sardines cooked with a bittersweet sauce made of onions.
- Prosciutto di San Daniele:** The world-famous prosciutto San Daniele comes from a town very close to Udine. It is characterized by a complex mixture of flavors and aromas. It can be tasted in all the restaurants in Udine.
- Gubana:** Friulian cuisine is not famous for desserts, but there is the *gubana*. It is dough pastry filled with walnuts, raisins, pine seeds, and *grappa*.
- Grappa:** Alcoholic beverage (it contains 35 to 60 percent alcohol by volume), a fragrant, grape-based pomace brandy.

WHAT TO SEE IN UDINE

Piazza della Libertà. This magnificent square is the artistic center of the town and is surrounded by several graceful monuments. The Loggia del Lionello is an elegant XV century building in the gothic Venetian style, named after its designer, the goldsmith Nicolò Lionello. The Loggia di San Giovanni is a wonderful example of Renaissance arcade building and is surmounted by a nice clock tower created by Giovanni da Udine, one of the best Raphael's disciples. The adjacent Arco Bollani (1556) is a work of the worldwide known Renaissance architect Andrea Palladio, who also designed Palazzo Antonini.

Civici Musei at the Castle. At the center of Udine there is a hill and on the top of the hill there is the "castle" (it seems more a villa than a castle, actually). Inside the castle, there is a collection of museums all accessible with one ticket: the Civici Musei. There is the Archeological Museum, with Roman findings like urns and mosaics; the Ancient Art Gallery, with paintings from Caravaggio and Tiepolo (for this, also explanations in English); the Photography Friulian Museum, with almost two hundred years of photographs in Friuli; the Risorgimento museum, that narrates the history of the region from the fall of

the Venetian State to the birth of Italy; and the Drawings and Printings Gallery, with ancient specimens. Piazzale del Castello, 1, Tue-Sun 10.30-19.

<http://www.civicimuseiudine.it/en/> (in English). €8.

Cathedral (Duomo) and Museum of the Cathedral (Museo del Duomo). The cathedral of Santa Maria Annunziata dates back to the XIV century, although it has been largely recast in the XVIII century. Elements of the ancient gothic project are still visible in the facade. Noteworthy is the Museum of the Cathedral (Museo del Duomo) located in the nearby gothic baptistery, mainly because of the important XIV century frescos by Vitale da Bologna, a master of the Italian gothic painting tradition. The frescos show episodes of the life of Saint Nicolò and have been completed around the year 1348. Particularly remarkable is the episode of the miracle of the tempest, characterized by an impressive naturalism and a strong emotional tension.

Casa Cavazzini. The Modern Arts Museum of Udine. It focuses mostly on Italian figurative painting of the 19th and 20th centuries, set in a splendid manor house. There are big names like De Chirico and Morandi, but the museum is interesting as a chronological summary of the painting styles in Italy in modern times. At the end there is a small collection of American artists, mostly minimalism: just after the earthquake that hit the city in 1976, they donated their works to the city to help its rebuilding. Via Cavour, 14, Tue-Sun 10.30-19. Few explanations, only in Italian. €5

Museo Diocesano and Gallerie del Tiepolo. The building is one of the most fascinating in the regions, it is where the Venetian patriarchs were living from the 17th to the 18th century, and it is made precious by some of the best frescoes made by Tiepolo. Piazza del Patriarcato, 1, Wed-Mon 10-13, 15-18. €7.

Piazza Matteotti (former S. Giacomo Maggiore). One of the nicest squares in Udine, with the picturesque Renaissance church of S. Giacomo projected by Bernardino da Morcote (facade 1525), the same author of the Loggia di S. Giovanni. In the middle of the square, a pretty Renaissance fountain by Giovanni da Udine.

Museo Etnografico del Friuli. It is a modern ethnography museum, that shows local traditions. Via Grazzano, 1, Tue-Sun 10.30-19. Few explanations in English, most of them are in Italian.

Chiesa di S. Francesco. A nice example of a monumental and sober Romanesque-gothic church (1266) with majestic stone facade and walls.