



Agenda Overview: COST TU1402 Joint Training School and 10th Workshop

Objective

The objective of the COST TU1402 Joint Training School and the 10th Workshop is to support the further development of case studies.

The objective of the TU1402 Training School on the Value of Structural Health Monitoring Information is to provide the basic concepts for Value of Structural Health Monitoring (SHM) Information analyses in the framework of Bayesian decision theory. Through the training school, the students will acquire knowledge and skills on probabilistic fundamentals and probabilistic modelling, structural reliability analysis, modelling measurement information and decision analyses. The knowledge and analysis skills acquired in the Training School will directly be utilised for work on the case studies.

The objective of the 10th Workshop on Case Studies is to progress with the work on the case studies and to produce first results, which will be published in a workshop report. The work on the case studies will be supported by TU1402 participants from Working Group 1, 2 and 3.

Organisation

The event is subdivided into the TU1402 Training School of four days and a Workshop of two days. On day 4, the Training School and the Workshop overlap with supervised and joint work on the case studies. WG1, WG2, WG3, WG5 and WG6 and TU1402 Activities are encouraged to use the Day 4 for Mini Workshop when not actively involved in case studies. Day 5 is reserved for the plenum presentations of the case study results, discussion and further planning.

More information can be found in the announcement of the TU1402 Training School and the agenda for the 10th COST TU1402 Workshop.

Deliverables

The deliverables include:

- (1) Lecture presentations, exercises, tools and reports of the TU1402 Training School,
- (2) Workshop Report containing the case study results,
- (3) Mini workshop reports (e.g. in fact sheet format).

Dates and Venue

06.11.2017 to 10.11.2017, Villa La Collina – Cadenabbia near Lake Como, Italy (see Sections “How to get to Villa La Collina” and “Accommodation”).



www.kas.de/villalacollina



Local Organisers

Prof. Sebastian Thöns (sebt@byg.dtu.dk) and Prof. Maria Pina Limongelli (mariagiuseppina.limongelli@polimi.it)



Agenda Overview

Training School	Day 1	08:30 – 17:00	Lectures and exercises on probabilistic fundamentals and modelling
	Day 2	08:30 – 17:00 19:00	Lectures and exercises on structural reliability and measurements TU1402 Training School Networking dinner
	Day 3	08.30 – 17:00	Lectures and exercises on decision analyses
	Day 4	08:30 – 08:45 08:45 – 09:45 09:45 – 16:00 16:00 – 18:00 19:00	TU1402 10th Workshop Opening Keynote Presentation by Prof. Dagang Lu “Reliability Prediction of Bridges Based on Health Monitoring Data: Bayesian and Copula Dynamic Models” Joint Case Studies Work and Mini Workshops <ul style="list-style-type: none"> Case study teams (TU1402 and Training School participants) work together with lecturers and trainers from WG 1, 2 and 3 in parallel sessions. WG1, WG2, WG3, WG5 and WG6 and TU1402 Activities Mini Workshops Steering Committee Meeting 10th Workshop networking dinner
Workshop	Day 5	08:30 – 16:00	TU1402 10th Workshop <ul style="list-style-type: none"> Plenary presentations of case study results and dissemination plans.



How to get to Villa La Collina (Cadenabbia)

Public transports

There are three airports in Milan: **Malpensa, Linate, Orio al Serio**. A further option could be Lugano airport in Switzerland.

From **MALPENSA AIRPORT** (approximately 2h30)

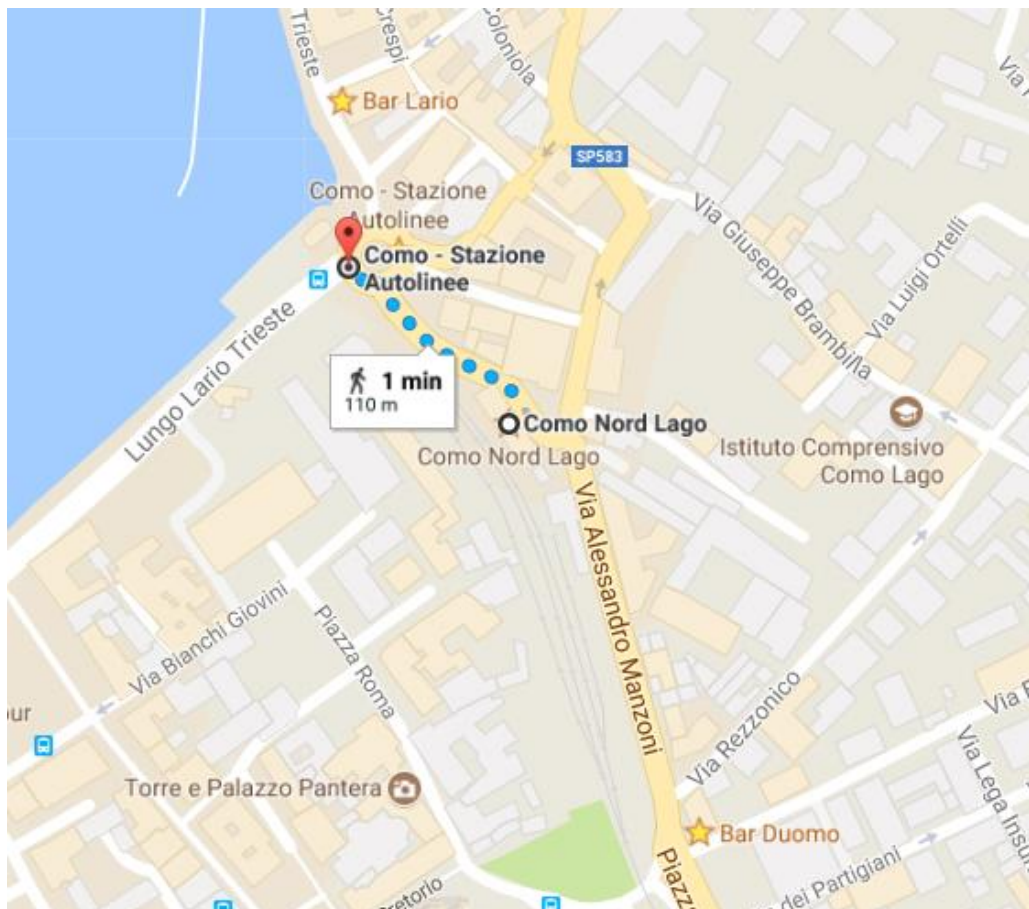
You can take the train “Malpensa Express” in direction of Milan (both directions Milano Cadorna and Milano Centrale are ok and both trains stop at Terminal 1 and 2) and change in **Saronno** for the regional train toward **Como Nord Lago**.

The full ticket from Malpensa to Como Lago Nord costs €21,80. Timetable and purchase of the tickets available at the airport or on line at <http://www.trenitalia.com/>.

From Como Stazione autolinee (100m from **Como Nord Lago** train station, see Map 1) to **Cadenabbia** take the bus ASF Autolinee, line **C10** direction Menaggio-Colico (it takes about 50 minutes).

Check <http://www.sptlinea.it/content/en/home> for the timetable.

The ticket can be purchased at Bar Lario (closed on Monday) in Lungo Lario Trieste or at Bar Duomo (closed on Sunday) in Piazza del Popolo 2 (see Map 1).



Map 1

For the way back in Cadenabbia the ticket can be purchased at the shop ‘Supermarket’ in via Roma 6.



The bus stop in Cadenabbia is “Cadenabbia -Majolica”
Follow the Map 2 to reach Villa La Collina from the bus stop



Map 2



From **LINATE AIRPORT** (approximately 3h)

You can get any shuttle to **Milano Central Station** (tickets (5€) can be purchased on board) and then a train to **Como San Giovanni**. The ticket from Milano Central Station to Como San Giovanni costs 14€ (pay attention to take the fast train). Timetable and purchase of the tickets available at the station or on line at <http://www.trenitalia.com/>.

From **Como San Giovanni** to **Cadenabbia** there is a bus (but stop just in front of the station ASF Autolinee, line **C10** direction Menaggio-Colico (it takes about 50minutes).

Check <http://www.sptlinea.it/> for the timetable.

The ticket can be purchased at the newspaper kiosk (edicola) in Piazzale San Gottardo (see Map 3)

For the way back in Cadenabbia the ticket can be purchased at the Supermarket in via Roma 6.

Follow Map 2 to reach Villa La Collina from the bus stop.



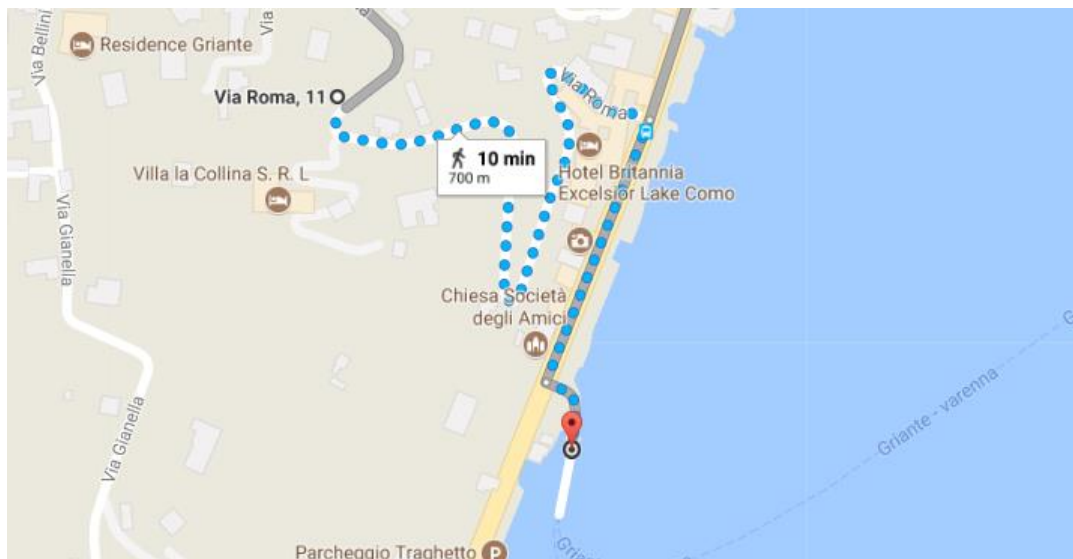
Map 3



From **ORIO AL SERIO AIRPORT** (approximately 3h30)

You have 2 options:

- 1) you can take a shuttle to **Milano Central Station** (<http://www.autostradale.it/> 5€, or <http://www.orioshuttle.com/>, 4€) and then follow the instructions reported for arrival to Linate Airport. The ticket can be purchased at the airport or on the websites.
- 2) You can go take the ATB Bus 1 to **Bergamo Station** (<https://www.atb.bergamo.it/it/viaggia-con-noi/turismo-a-bergamo/airport-bus>) and then a train to **Varenna** (here the timetable: <http://www.trenitalia.com/>). The ticket costs 5.5€ and can be purchased at the station or on line. **From Varenna** a ferry boat goes to **Cadenabbia** (30-45 min depending on the time of departure). Check <http://www.navigazionelaghi.it/eng/> for the timetable. Follow Map 4 to reach Villa La collina from the ferryboat port.

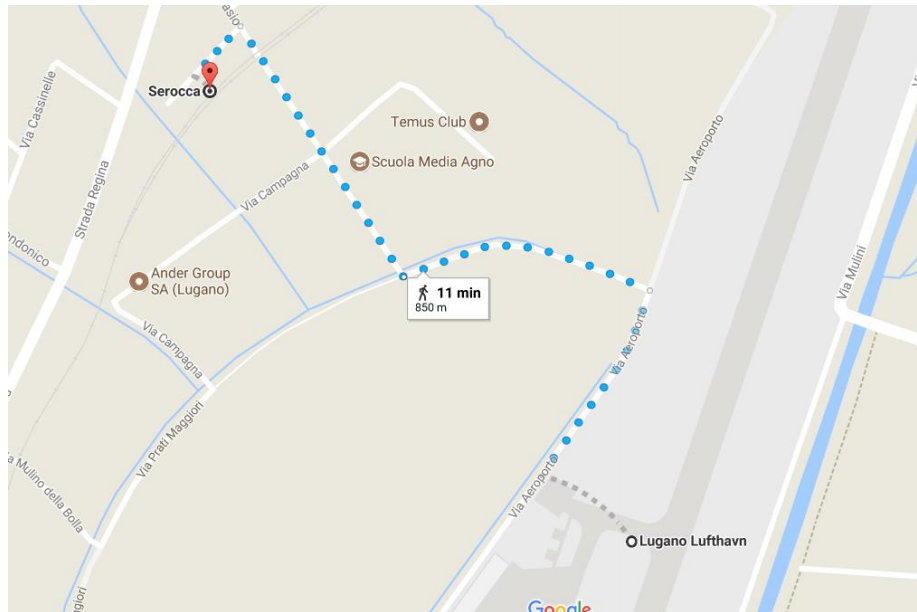


Map 4



From **LUGANO AIRPORT** (CH) (approximately 3h).

You can take the train at **Serocca station** (11 minutes by foot from the airport) or the shuttle bus to the Railway Station in **Lugano**. Check price and timetable here for the train <http://flpsa.ch/> and here for the shuttle: <http://www.lugano-airport.ch/en/facilities/taxi-shuttle> and <http://www.shuttle-bus.com/>.



From **Lugano Station** you can take the train to **Como San Giovanni**. Check ticket and timetable here: <https://www.sbb.ch/en/home.html>.

From **Como San Giovanni** to **Cadenabbia** follow the instructions reported for arrivals to Linate airport.

Taxi

From Malpensa and Linate to Cadenabbia by taxi it takes around 1.30 hours (approximately 130€)
From Orio al Serio it takes about 1h (approximately 90€) to Varenna where you have to take the boat to Cadenabbia.

Shuttle

If there is a sufficient number of interested participants, we can try to organize a shuttle from the airports or from Milan Central Station (easily reachable from all the airports) to Villa La Collina.
Inform Maria Pina Limongelli if you are interested.



Accommodation

Villa La Collina ***

<http://www.kas.de/villalacollina/en/>

17 rooms have been reserved and will be available for reservation up to September 15.

The price of a room for the COST event is:

83€/night breakfast included for 1 persons

106€/night breakfast included for 2 persons.

To book send an email to: cadenabbia@villalacollina.it using the subject **COST TU1402**.

Booking has to be confirmed through a bank transfer of one night rate to the account:

Banca Popolare di Lecco – Deutsche Bank

IBAN: IT 65 0 03104 51520 000000018821

Agency in Menaggio BIC: DEUTITM 1023

Piazza Garibaldi, 17

I – 22017 Menaggio (Como)

Cancellation free up to October 20. Later cancellations or no show will be charged one night room rate.

Hotel Britannia Excelsior *** (5 minutes walk from Villa La Collina).

<http://www.hotelbritanniacadenabbia.com/>.

Please consider that in November most of the hotels in Cadenabbia are closed so early booking is warmly suggested.