

# WorldCupItaly 2024 – 22/23 JUNE

Sumirago, Italy

Saturday 22th to Sunday 23th June 2024



Bulletin 1.4 | June 2024

2024 FAI World Drone Racing Cup, Cat.2

WCI2024 website: <https://worldcupitaly2024.com/>

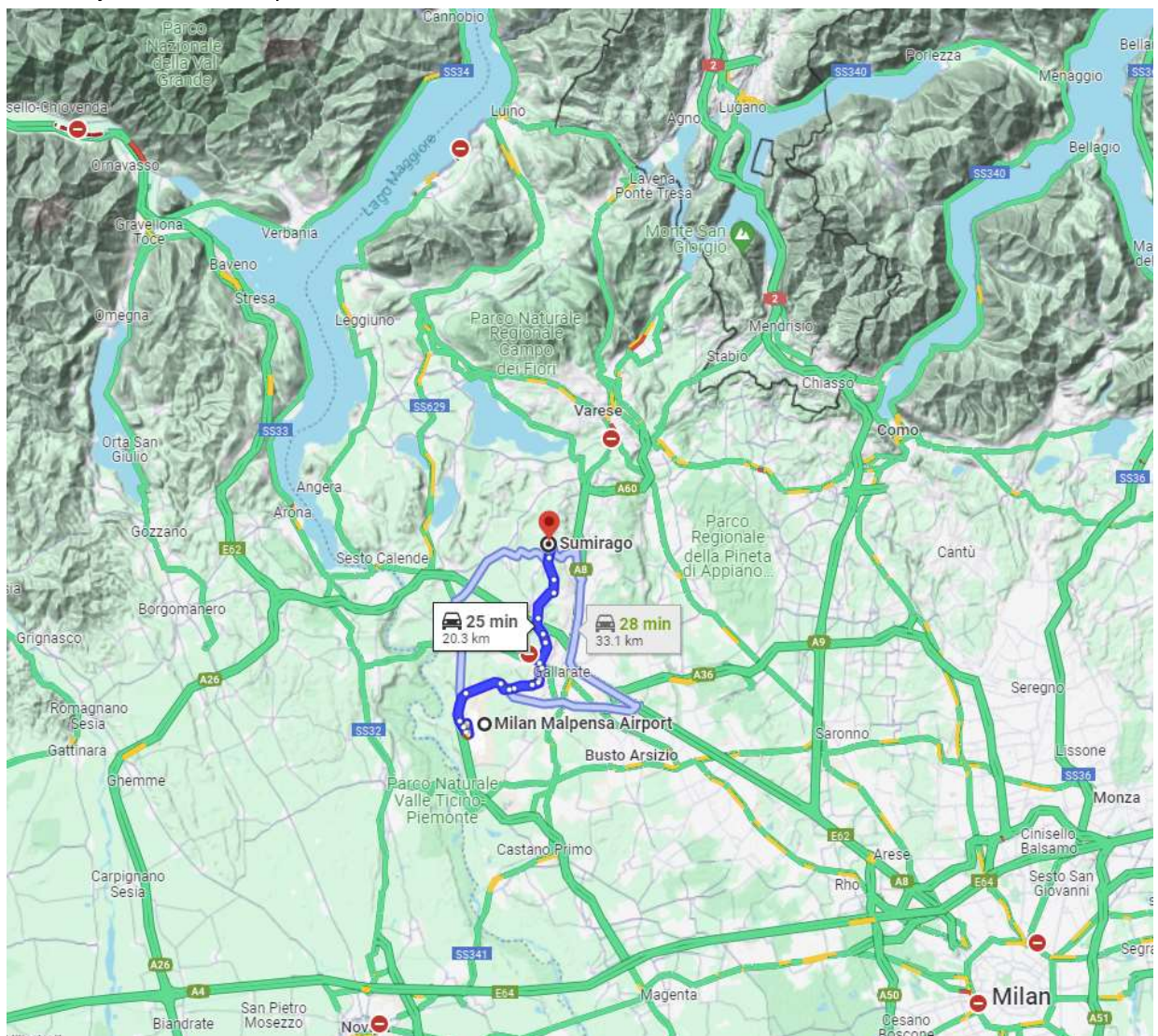
## A. LOCATION

WCI2024 will take place in Sumirago City, North Italy.

Comune di Sumirago, ProLoco di Sumirago, SpeedypizzaDrones, DutchDroneRacing, AeCi will work in coordination to successfully host and manage the event.

Sumirago is a little city in the Province of Varese located about 40 km northwest of Milan and about 10 km southwest of Varese, the province of 7 lakes. The area is great for visiting some cities, suggestive mountains places and refreshing lake locations.

The location is in a strategic place very near to the international airport of Milano Malpensa MXP which is just 25min far by road.



Milan Malpensa Airport to Sumirago track

### How to travel from Malpensa International Airport (MXP) to Sumirago and local travels:

The best way to reach the city is by car which can be rented at the airport directly. This solution is also useful for local travels such as venue-hotels and vice versa.

### Average temperature conditions in Varese province (Source: Astrogeo.va.it 2015~2023)

Temperature: 23,3 C° (Highest temperature 36,8 C° / Lowest temperature 11 C°)



## B. VENUE

The event will take place outdoor at the stadium of Sumirago city, grass field. This complex includes a main stadium for soccer and athletics track, indoor basketball field, table tennis and several volleyball indoor fields.

Address: Sport Ground, Via Carducci 21040 Sumirago VA

Coordinates: 45°44'28.2"N 8°47'09.8"E



Field

## C. OFFICIAL LANGUAGES

The official languages will be English and Italian.

English language always prevails concerning all elements of the competition, FAI documents, competition rules and Bulletins.

## D. RULES

The rules for the WCI2024 will be based on the FAI F9U (RC Multi-Rotor Drone Racing) class rules.

The editions of the following documents which will be effective at the date of the WCI2024 will be applicable:

- FAI General Section;
- FAI Code of Ethics and FAI Disciplinary Code;
- F9U Drone Sport Volume 2024 Edition - Effective 1st January 2024;
- Bulletins.

## Anti-doping statement

A competitor who needs for medical reasons to take any of the substances listed on the WADA Prohibited list must have a valid Therapeutic Use Exemption (TUE) signed by FAI.

## Ethics and behaviour

In Italy it is highly forbidden to conduct any model aircraft under drugs and/or alcohol effects. Infringement to those rules will be subject to legal penalties and immediate disqualification from the competition.

Maintaining good behaviour for the entire time of the event is necessary and mandatory.

## UAV regulations

In Italy (and Europe), a EU licence EASA A1/A3 is required to fly every aircraft model.

Every competitor must have and show at registration own licence which can be obtained for free at this link: <https://learningzone.eurocontrol.int>

Infringement to those rules may be subject to legal penalties.



Example of A1/A3 License

## Protest

Any protest must be presented in writing to the FAI Jury President and must be accompanied by the deposit of a fee of €50,00.

The deposit is returned only if the protest is upheld.

## Spotter

It is mandatory for every pilot to have a spotter.

The spotter can be anyone and will be standing near the pilot seat without FPV goggles and watching in LOS.

## Helper

Since the field area will be an interdicted area, every pilot is allowed to register up to one helper in the registration form.

The registered helper will receive a pass card.

For special requests contact us.

## **E. FAI SPORTING LICENCE**

Every competitor must possess a valid FAI Sporting Licence (Aeromodelling discipline) registered in the FAI database or a FAI Drone Permission which can be obtained here:

<https://droneracing.aero/>.

The holder of a FAI Sporting Licence may be required to produce an official document bearing its photograph and signature as proof of identity.

## **F. FAI OFFICIALS**

*Note: the names may be subject to changes.*

### **Jury**

(ITA) Matteo GANDINI - President

(FIN) Jari KANKARE

(LTU) Mantas ZITKUS

### **Supervisor Judge**

(BUL) Sotir LAZARKOV

### **Pilots' Judges**

(ITA) Oscar CHINELLO

(ITA) Filippo DI MARCO

(BUL) Sotir LAZARKOV

(ITA) Luca DI GAETANO

(FRA) Vincent BOISSELIER

### **Contest Management**

(ITA) Filippo DI MARCO : Event Organiser

(ITA) Matteo BARELLA : Contest Director

(NED) Jesse HULSWIT : Race Director

(NED) Stefan LUTEIJN : Starter

### **Prelight processing:**

(ITA) Local volunteers

## **G. SPEAKERS**

(ITA) Stefano MIRABELLI

(ENG) Matt ANDREWS

## **H. RACE MANAGEMENT**

Timing system, Regia, Track design, Track handling, will be taken in care by DutchDroneRacing and SpeedyPizzaDrones.

#### **I. FPVSCORES.COM**

The race will be handled through Rotorhazard system and web server “fpvscores.com” for live statistics, heats, etc.

Every pilot is requested to register on fpvscores.com and provide on registration form own pilot ID given by the system.

Link of the event: <https://fpvscores.com/events/v8G04gujVi>

#### **J. RACE TRACK**

Official version of the racetrack will be published 30 days prior to the event on Velocidrone® simulator to allow everyone to have initial training and familiarity with it.

Furthermore it will be released also on EreaDrone® simulator.

The track will be developed on a total length of ~635m including a straight line of ~75m, several double level inflatable gates, square gates, dive(s) and flags.

#### **K. RACE FORMAT**

Race format will follow “FAI SCENARIO B - 32 competitors selected from the qualification stage. Double Elimination” of the document “F9U Drone Sport Volume 2024 Edition - Effective 1st January 2024”.

#### **L. QUALIFICATION**

Each heat will last for 3 minutes which is the maximum time allowed to complete 3 and no more laps.

The best 3 consecutive laps will count in the qualification ranking.

Qualification heats will be composed of 5 pilots.

#### **M. LED LIGHT**

There is NOT any mandatory request for LED light. If pilots want to install LED lights, the colour will be assigned based on video frequency and will be checked before every run.

#### **N. VIDEO**

The allowed video systems are Analog and HDZero with maximum power 25mW.

If analog please use a good brand vTx and in a good shape.

Infringement to maximum power rules may be subject to legal penalties, check Italian government rules about radio frequencies at [Gazzetta Ufficiale](#).

#### **O. ANTENNA**

The allowed antennas are RHCP polarisation and Linear Dipole only.

LHCP is NOT allowed.

Please use a good brand antenna and in a good shape.

#### **P. RADIO**

The allowed radio transmission systems are any 2.4GHz with maximum power of 100mW. Any 868MHz systems with maximum power of 25mW.

Infringement to maximum power rules may be subject to legal penalties, check Italian government rules about radio frequencies at [Gazzetta Ufficiale](#).

#### **Q. ORGANIZATION AWARDS**

Prizes and Trophies will be awarded by the organisation to the competitors placed first, second and third in each individual classification (Women - Junior - Overall).

- Many raffles will be run with sponsor products - every pilot could win.
- Every pilot will receive a bag with gifts from the organisation at the model processing.

#### **R. FINALS**

As per FAI rules of CAT.2 events as this is, only Overall final will be officially recognized for points assignment; however, the organisation will also run Women final and Junior final which are “just for fun” and will bring prizes for each podium.

- To run the Women Final, female competitors must be at least four. It will be a single final and composed of the first four female pilots from the overall qualification results.
- To run the Junior Final, junior competitors must be at least four. It will be a single final and composed of the first four junior pilots from the overall qualification results.

#### **S. FINALS METHOD**

A sort of “chase the ace” will be run, to win the race is necessary to win the final two times. Find more info in the “Drone Racing World Cup Rules - 2024 Edition” pag.34 C.6.5.3

#### **T. PRELIMINARY SCHEDULE - *The competition schedule may be subject to changes.***

*Finish time on Sunday is not guaranteed, highly suggested to book the flight back from Monday.*

##### **Friday 21th June** *Note: in this day the track is closed*

- Early Arrival;
- Early Registration;
- Early Model processing - Really appreciated in order to speed up the process on Saturday

##### **Saturday 22th June**

- 8:00 - Arrival;
- 8:00 to 8:30 - Model processing;
- 8:30 to 9:00 - Day Briefing & Track Walk;
- 9:00 to 10:30 - Free Practice
- 10:30 to 12:30 - Qualifying rounds;
- 12:30 to 13:00 - Break
- 13:00 to 19:00 - Qualifying rounds;
- 19:30 - Opening Ceremony;
- 20:30 - 21:30 - Night Endurance Cup.

##### **Sunday 23th June**

- 8:00 to 10:00 - Qualifying round(s);
- 10:30 to 12:30 - Elimination rounds for top 32 pilots, double elimination format;
- 12:30 to 13:00 - Break
- 13:00 to 16:30 - Elimination rounds for top 32 pilots, double elimination format;
- 16:30 to 17:30 - Finals: Women, Junior, Overall
- 17:30 to 18:00 - Promo HD Rounds
- 18:00 - Prize award and ceremony.

## U. ENTRY CONTRIBUTION

To enter the competition there is a contribution of minimum 50€ which has to be done on the official website <https://worldcupitaly2024.com/>. If a competitor withdraws after registration has been confirmed, a refund will be considered only in case of force majeure.

## V. PILOT REGISTRATION DEADLINE / MAXIMUM NUMBER

- Initial deadline: 19th May 2024 OR 65 pilots;
- 65 pilots limit reached on 14th April 2024;
- Waiting List registration opened on 15th April 2024.

If any withdraws occurs from the official Pilots List, the organisation will contact the Waiting List pilots following chronological order.

- 19th May is the latest day for withdraws/waiting list contact, from the day after the Pilot List is fixed and will never be modified anymore even in case of future withdraws.

## W. FOOD & AFTERPARTY

The event will be surrounded by the food court all day long both days. On Saturday night a concert and relative afterparty is scheduled.

## X. INSURANCE

It is mandatory to have personal insurance which covers in Italy competitors for model accidents involving injury to others and damage to property.

Details are asked in the registration form.

Competitors are recommended to organise their own medical and travel insurance before arrival.

## Y. ACCOMMODATION

We have been able to get special prices from the following hotels.

Prices are created for the event so for booking follow the instructions.

Prices are valid until hotels are fully booked so first comes, first served; otherwise use the most common online booking providers.

### Stay Hotel - \*\*\*

Stay Hotel

Via Gallarate 2, 21022 Brunello, Italia – Ottima posizione (vedi mappa)

Prenota ora

Rimborsiamo le differenze di prezzo

Favoloso 8,7  
1.630 recensioni

un buffet ampio e variegato con possibilità di dolce e salato con anche la possibilità della colazione all'italiana o all'anglosassone. ottimo davvero. Il ...  
Francesco Italia

Staff 9,4

Altre 37 foto

- Double and Triple rooms available from 60€ to 80€ each room each night depending on the room class;

- Free buffet breakfast

- Free Wi-fi,

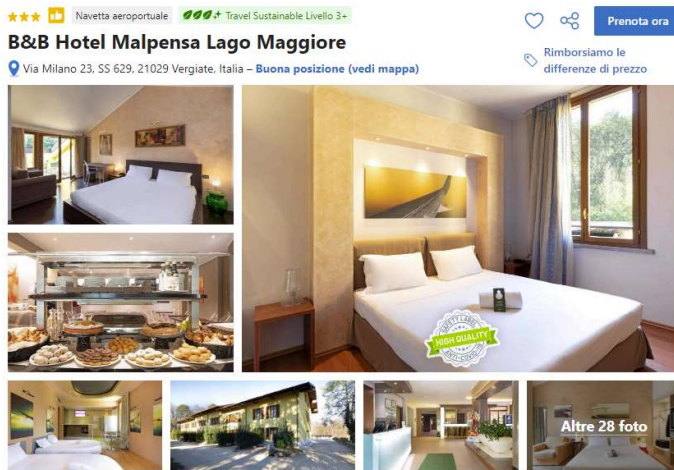
- Free Parking;

- Free room minibar products;



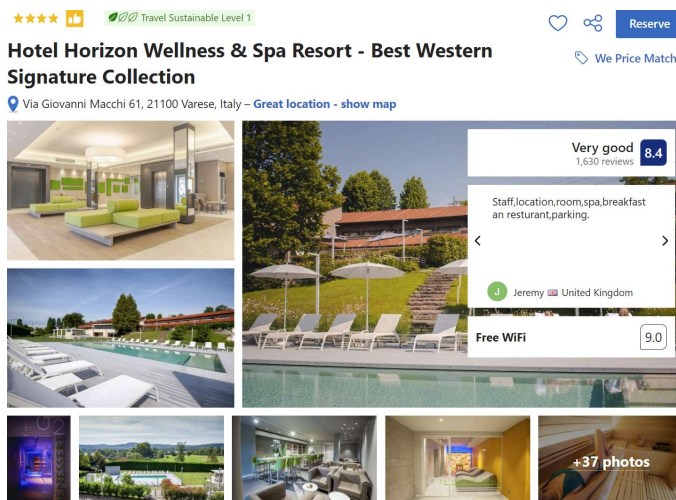
- Free cancellation until 15th June 2024;
- Money 100% withdraw from credit card from 16th June 2024;
- Booking via email at [info@stay-hotel.it](mailto:info@stay-hotel.it) with email subject "COPPA DEL MONDO DI DRONI – 22-23 Giugno 2024";
- A valid credit card for warranty will be requested by the hotel staff.

**B&B Hotel Malpensa Lago Maggiore- \*\*\***



- Booking via email [va.malpensa@hotelbb.com](mailto:va.malpensa@hotelbb.com) with email subject "COPPA DEL MONDO DI DRONI 22-23 Giugno 2024";
- Single room 70€/night + City tax
- Double room 82€/night + City tax
- Triple room 98€/night + City tax
- Free breakfast
- Free parking
- Free Wi-Fi
- Pay on arrival, a credit card for warranty might be requested by the hotel staff.

**Hotel Horizon Wellness & Spa Resort - Best Western Signature Collection - \*\*\*\***



- 10% off on the price when booking.
- Booking via email [info@horizon-resort.it](mailto:info@horizon-resort.it)
- In the email type "Coupon : 10% Coppa Del Mondo Droni, Contact: Maura Bove"

## **Z. COMPLEMENTARY INFORMATIONS**

### **Model processing**

Open on 21th June afternoon, this would be very appreciated in order to speed up the process.

On 22th June morning is open too.

Refer to official schedule.

### **National flag**

One competitor for each nation is requested to bring one national flag (approximately 1m x 1.5m) to be hung in the field. They will be returned after the event.

### **Pass cards**

At the end of the model processing, each competitor and helper will receive a pass card which must always be with them.

### **Night Endurance Cup**

During Saturday evening, after the WCI2024 schedule, teams will battle each other in an endurance race done with special 3 inch drones with the scope of spectators entertainment. All the pilots involved in the Night Endurance Cup are NOT piloting in the WCI2024.

### **Drone Soccer**

Drone Racing Polienas from France will be present on site on Saturday and Sunday with their Drone Soccer arena, everyone is welcome to try the new drone racing category.

### **EreaDrone® Simulator**

EreaDrone® will be present on site on Saturday and Sunday with their tent with FPV simulators, everyone is welcome to try.

### **Tour and visits**

There are many nearby attractions that may be easily reached by car or public transportation such as Milan, Varese, Como, etc. cities, Lakes areas, Mountains areas, AlfaRomeo® Museum, AeroGravity®, ACAO Aeroclub for sailplane experience, etc.

### **Spectators and media**

The venue will be open to the public.

A live scoring system will be used and live streaming with live comment will be done via YouTube.

The organisation will ensure the best media coverage of the WCI2024.

### **Emergency National Number**

For any kind of emergency (eg. medical, fire, etc.) there is active the unique national number 112.

## AA. LOCAL CONTACT REFERENCE DETAILS

Name: Matteo

Telegram chat: <https://t.me/+QfmgE7rk-c4yZWM0>

WCI2024 website: <https://worldcupitaly2024.com/>

FPVScores.com event link: <https://fpvscores.com/events/v8G04guyVi>

Email: [staff@worldcupitaly2024.com](mailto:staff@worldcupitaly2024.com)



## ASSOCIAZIONE SPORTIVA DILETTANTISTICA

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