



World Ski Orienteering Championships 2021
Junior World Ski Orienteering Championships 2021
European Youth Ski Orienteering Championships 2021



UgraMegaSport

KÄÄRIKU, ESTONIA
22-28 FEBRUARY 2021
BULLETIN 4



Dear friends of ski orienteering throughout the world!

We welcome you to the primal and mystical nature of Estonia. We, the local inhabitants, feel well amidst the thick forests and numerous lakes that surround us. We want to show this beauty of nature to others too. We could as a matter of fact, host four different big orienteering competitions a year – winter, spring, summer, autumn. The nature is picturesque and varied in each of the seasons, changing four times a year.

Our desire to show this beauty to friends from other countries remains the same, throughout the year. We look forward, with great readiness to see you, dear sportspersons and national team members. The camps, required service and organisers are ready for the big event.

Welcome to Estonia!



Minister of Culture
Tõnis Lukas

Dear sports fans from near and far!

Otepää is widely regarded as Estonia's winter capital and we are proud to bear this honorary title. A small town nestled in southern Estonian hills and valleys, the picturesque domed landscape and winding lakes make the Otepää region an enjoyable experience for everyone.

Otepää is first and foremost known as a ski resort with undoubtedly one of the best winter sports centres in Estonia - Tehvani Sport Centre. Here You can practise winter sports, hiking and camping. Today Kääriku Sports Center has also become the center for the Estonian athletics.

In addition to sports centers, we are proud to have a well-established infrastructure - there are winter resorts, luxurious spa hotels and other accommodation facilities, shops and many restaurants with opportunities to enjoy good estonian cuisine.

There is something special about Otepää that brings our guests back again and again. Be it an echo of distant times - Otepää is the cradle of the Estonian national flag, because it was here that the first Estonian national flag was blessed, or a meaningful symbol of our region - the bear, because Otepää's name means "the bear's head".

Every guest will always leave with wonderful and bright memories!

We are waiting for you to discover the possibilities of Otepää and enjoy the beautiful nature!



The Head of Council – Chairman
Jaanus Barkala

EVENT PROGRAM

MONDAY 22/2

| | | |
|-------------|--------------------------------------|--------------|
| 09.00-21.00 | Event office is open – accreditation | Event centre |
|-------------|--------------------------------------|--------------|

TUESDAY 23/2

| | | |
|-------------|--|----------------------|
| 07.00-21.00 | Event office is open – accreditation | Event centre |
| 09.00-13.00 | Model Event WSOC / JWSOC / EYSOC | Kääriku |
| 15.00 | Deadline for team changes and late entries | Event centre |
| 16.00 | Competition entry deadline - sprint distance | IOF Eventor |
| 16.45 | Entry to Opening ceremony | Tehvandi Ski stadium |
| 17.00 | Opening ceremony | Tehvandi Ski stadium |
| 19.00 | Team officials' meeting - sprint distance | Event centre |

WEDNESDAY

24/2

| | | |
|-------------|--|--------------|
| 07.00-09.00 | Event office is open | Event centre |
| 09.00-15.00 | Event office is open | Arena |
| 15.30-21.00 | Event office is open | Event centre |
| 10.30 | Quarantine entry closes | Arena |
| 10.30 | First start WSOC - sprint W | Arena |
| 11.00 | First start WSOC - sprint M | Arena |
| 12.00 | First start JWSOC - sprint M/W | Arena |
| 12.35 | First start EYSOC - sprint M/W | Arena |
| 12.30 | Flower ceremony WSOC | Arena |
| 14.15 | Flower ceremony JWSOC, EYSOC | Arena |
| 16.00 | Competition entry deadline – pursuit/long distance | IOF Eventor |
| 19.00 | Team officials' meeting - pursuit/long distance | Event centre |

THURSDAY 25/2

| | | |
|-------------|--|--------------|
| 07.00-08.30 | Event office is open | Event centre |
| 09.00-15.00 | Event office is open | Arena |
| 15.30-20.00 | Event office is open | Event centre |
| 9.45 | Quarantine entry closes | Arena |
| 9.45 | First start WSOC - pursuit M | Arena |
| 11.00 | First start WSOC - pursuit W | Arena |
| 12.15 | Mass start JWSOC - long M | Arena |
| 12.20 | Flower ceremony WSOC | Arena |
| 12.40 | Mass start JWSOC - long W | Arena |
| 13.00 | Mass start EYSOC - long M | Arena |
| 13.20 | Mass start EYSOC - long W | Arena |
| 14.30 | Flower ceremony JWSOC, EYSOC | Arena |
| 18.00 | Prize giving ceremony sprint + pursuit/long distance | Arena |

FRIDAY 26/2

| | | |
|-------------|--|--------------|
| 09.00-20.00 | Event office is open | Event centre |
| 16.00 | Competition entry deadline - middle distance | IOF Eventor |
| 19.00 | Team officials' meeting - middle distance | Event centre |

SATURDAY 27/2

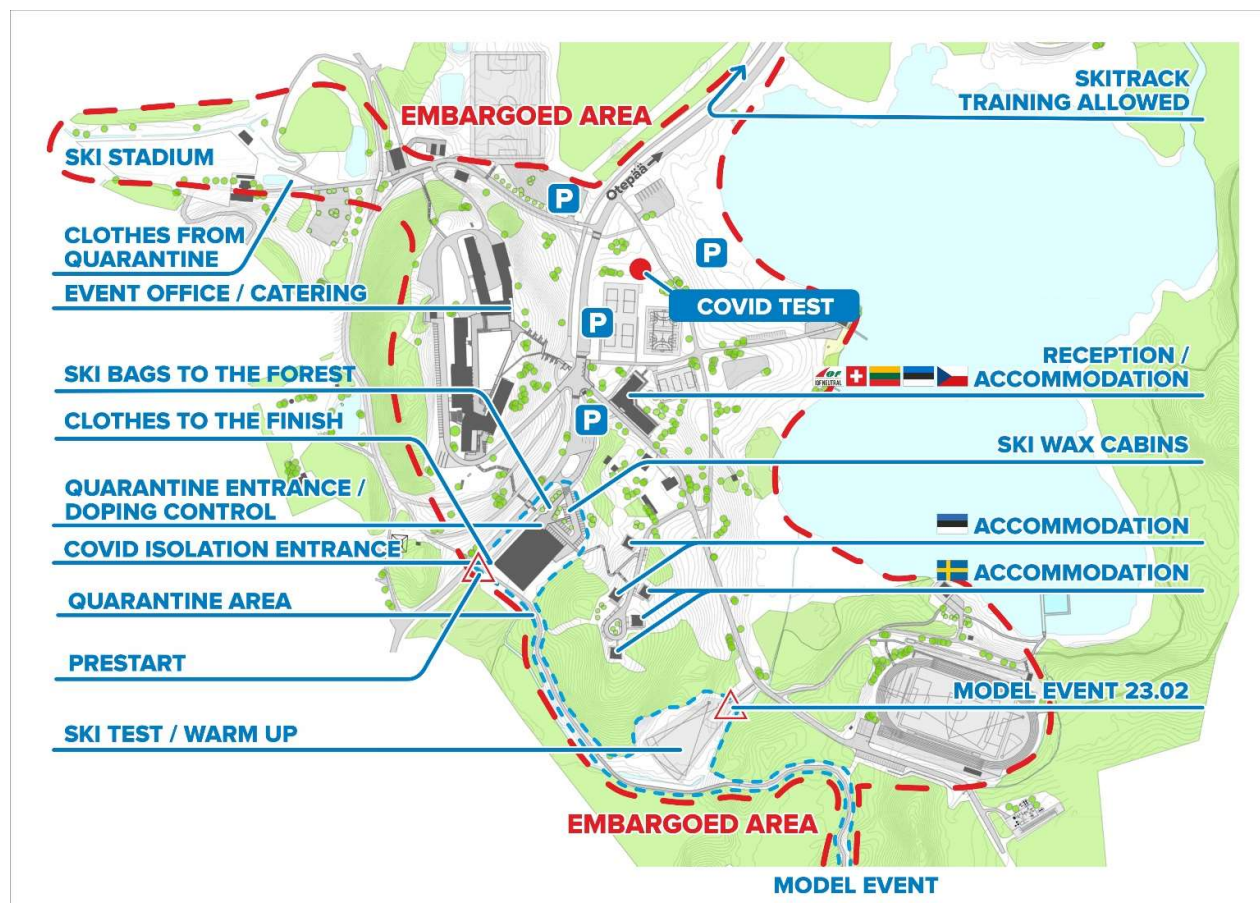
| | | |
|-------------|----------------------|--------------|
| 07.00-08.30 | Event office is open | Event centre |
|-------------|----------------------|--------------|

| | | |
|--------------|------------------------------------|--------------|
| 09.00-14.00 | Event office is open | Arena |
| 14.30-20.00 | Event office is open | Event centre |
| 10.30 | Quarantine entry closes | Arena |
| 10.30 | First start JWSOC - middle M | Arena |
| 10.40 | First start JWSOC - middle W | Arena |
| 10.40 | First start EYSOC - middle W | |
| 10.50 | First start EYSOC - middle M | Arena |
| 11.20 | First start WSOC - middle N | Arena |
| 11.45 | First start WSOC - middle M | Arena |
| 12.40 | Flower ceremony JWSOC, EYSOC | Arena |
| 13.30 | Flower ceremony WSOC W | |
| 14.30 | Flower ceremony WSOC M | Arena |
| 15.00 | Open competition „Peko ski-o “ | Arena |
| 16.00 | Competition entry deadline - relay | IOF Eventor |
| 17.00 | Prize giving ceremony | Arena |
| 19.00 | Team officials' meeting - relay | Event centre |
| SUNDAY 28/02 | | |
| 07.00-08.30 | Event office is open | Event centre |
| 09.00-14.00 | Event office is open | Arena |
| 14.30-18.00 | Event office is open | Event centre |
| 11.00 | Start WSOC - Sprint relay | Arena |
| 12.30 | Start JWSOC - Relay M | Arena |
| 12.35 | Start EYSOC - Relay M | Arena |
| 12.40 | Start JWSOC - Relay W | Arena |
| 12.45 | Start EYSOC - Relay W | Arena |
| 15.00 | Prize giving ceremony all classes | Arena |
| 15.30 | Closing ceremony | Arena |

EVENT PLACE

Kääriku Sports Center, Estonia.

Kääriku is located 47 km from Tartu airport (TAY), 218 km from Tallinn airport (TLL) and 223 km from Riga airport (RIX).



Event centre

Kääriku Sports Center, GPS coordinates 58.004232, 26.389367

Event arena

Kääriku Ski stadium, GPS coordinates 58.005624, 26.384827

Kääriku Ski stadium is the competition centre of all distances in WSOC/JWSOC/EYSOC

Model event

GPS coordinates 58.000514, 26.393314

Training tracks

From Kääriku GPS coordinates 58.00496, 26.390804

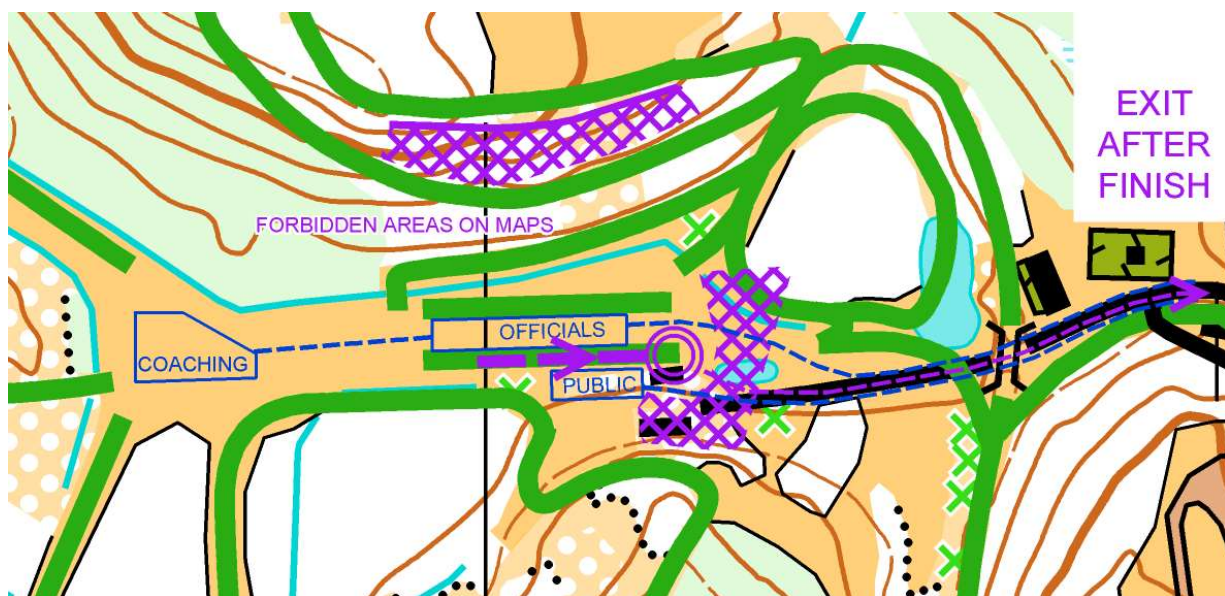
In Otepää, Tehvandi ski tracks GPS coordinates 58.053354, 26.505669

Opening ceremony

Tehvandi ski stadium, GPS coordinates 58.052339, 26.503014



Event Arena



SUMMARY OF ENTRIES

| Country | Women | Men | W17 | M17 | W20 | M20 | Total |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Estonia | 6 | 6 | 4 | 6 | 3 | 4 | 29 |
| Russian Federation | | | 7 | 7 | 7 | 7 | 28 |
| Finland | 6 | 7 | | | 4 | 4 | 21 |
| Sweden | 6 | 6 | | | 4 | 4 | 20 |
| Czech Republic | 2 | 6 | 3 | 3 | 3 | 3 | 20 |
| Switzerland | 1 | 6 | 2 | 5 | 4 | 2 | 20 |
| Lithuania | 2 | 5 | 4 | 4 | 2 | 3 | 20 |
| Latvia | 1 | 3 | 4 | 6 | 2 | 1 | 17 |
| IOF Neutral | 7 | 6 | | | | | 13 |
| Norway | 6 | 6 | | | | | 12 |
| Ukraine | | 1 | 1 | 5 | 1 | 2 | 10 |
| Italy | 1 | 2 | 2 | 3 | 1 | | 9 |
| Romania | | 1 | 3 | 3 | 1 | 1 | 9 |
| Turkey | | | 1 | 1 | 1 | 1 | 4 |
| Germany | | 1 | 1 | | 1 | | 3 |
| Austria | 1 | 1 | | | | | 2 |
| Bulgaria | 1 | 1 | | | | | 2 |
| Japan | | 1 | | | | | 1 |
| Grand Total | 40 | 59 | 32 | 43 | 34 | 32 | 240 |

ENTRIES AND ENTRY FEES

NB! Changes to registered entries will be possible up until 15.00 on 23rd February 2021.

Entries should be sent directly to the event organizers who will then register the details in IOF Eventor.

ADDITIONAL REGULATIONS

Based on IOF Ski Orienteering Competition Rules 2.5 and 2.6. the regulations set forth in the Covid-19 Bulletin are valid for the event. Covid-19 Bulletin regulations shall be binding for all competitors, team officials and other persons connected with the organisation or in contact with the competitors.

GENERAL CONDITIONS RELATED COVID-19

Our aim is to reduce the number of people and contacts to minimize the risk of infection among participants and organizer.

Idea is to create and maintain a safe so-called competition isolation "bubble", with teams, organisers, officials and media representatives who have all tested negative for Covid-19. This means that once in the bubble,

external contacts, as well as contacts between groups within the bubble, shall be limited or eliminated where possible.

This means that you can do only competition-related activities and all out-of-competition contacts are not allowed. It is not allowed for any participating team member to leave the competition area or accommodation unless absolutely unavoidable.

All organizers, officials and media are being tested no later than 72h before arrival at the competitions. Entry to the event and competition arenas without a negative test result is not allowed.

Everyone has to wear a mask and follow social distancing rules. Masks shall be worn at all times, with only the following exceptions:

when in your own room

when eating (note: masks should be worn when collecting food and when at the table but not actually eating)

during actual training and competition activity (masks shall be worn directly prior to and after such activity)

Consider the need to potentially pay for all testing, isolation/quarantine and medical treatment when taking out travel insurance. This should ensure the costs of a possible quarantine situation if necessary (10 - day supplement on average stay in Estonia), potential medical evacuation home for COVID-19 as a patient, or in the worst case, the high costs of hospital treatment in Estonia.

All organizers are instructed in these rules and will observe that they are followed. We hope for your understanding and responsible behaviour (fair play).

Accreditation will be stopped if the rules are not followed.

ACCREDITATION

Team leaders are asked to turn to the competition office for accreditation for the team members, there will be no individual accreditation by the athletes. Accreditation will be carried out by appointment only to avoid crowding in the Event Office. Team officials should agree accreditation time with Event Office by phone +372 5159915 after COVID test results are available.

If possible limit physical visits. Event office number can be found in organisers section.

All registered participants whose Covid PCR tests are negative will receive accreditation badges. Participants should wear accreditation badges all the time while not competing.

ACCOMMODATION

Booking and payment of accommodation and meals should be done in Event Office. Room cleaning is not done regularly, but only if the guest has requested it (as a Covid measure).

Teams are spread out in several accommodations. The same "bubble" rules apply to all whether teams are using accommodations booked via the organisers, or own-booked accommodations. This "virtual bubble" is dependent upon a high degree of personal responsibility.

To maintain the safe so-called competition isolation "bubble" means that you can do only competition-related activities and all out-of-competition contacts should be avoided. It is not allowed for any participating team member to leave the competition area or accommodation unless unavoidable.

Generally, it is not allowed for the athletes to go grocery shopping and go the pharmacy, exception is made for team leaders who may go to the grocery stores and pharmacies on behalf of the whole team. Limit the number of Team officials, who need to move outside the bubble and think about contacts within the own team.

In addition to the food service at the accommodations, organizers will arrange for a cafeteria at the competition arena. Avoid crowding also here.

It is mandatory to wear a mask in all indoor public places in Estonia (incl. shops).

In meeting rooms we follow safe distancing guidelines and limit the occupancy of all rooms up to 50% of the maximum capacity.

MEALS

Pre-ordered lunch vouchers can be received at Event office.

Lunch in Kääriku can also be ordered on site, 9 € per 1 person per 1 meal.

Those who are having meals in Kääriku, we ask to follow schedules which will be provided with accreditation materials. Meal schedule can be found also in <http://wsoc2021.peko.ee/>.

In the canteen we follow safe distancing guidelines and limit the occupancy of all rooms up to 50% of the maximum capacity.

CAFETERIA

Cafeteria in Event Arena will be open on race days. Cafeteria serves hot drinks, pies and snacks.

ARENA

Access in the arena will be strictly determined by accreditation. Remain in accredited areas and avoid contacts with other areas.

CEREMONIES

Prize giving ceremonies, medal ceremonies, competition opening and closing ceremonies will take place in open air conditions.

Masks shall be worn at all times. Please pay attention to social distancing

OPENING CEREMONY

The Opening Ceremony will be held at Tehvandi Ski Stadium in Otepää on Tuesday 23rd February at 17.10. It will kick off at 16.55 with the „Athletes Parade“ marching in the stadium. All Athletes and team officials are requested to take part in the opening ceremony, preferably dressed in your national team uniform. Meeting point for Athletes is 16.45 at the latest in Tehvandi stadium (see figure).

Everyone has to wear a mask and follow social distancing rules, masks shall be worn at all times. You are not allowed to get in to contact with other members of national teams, as far as possible please stay within your own group and follow the instructions.

Transport to and from the Event are the responsibility of the Teams.

FLOWER CEREMONIES

Flower ceremonies will be held at the arena Kääriku according to the programme. The ceremony will be announced with 10 minutes notice and the top three athletes/teams in each class shall then show up at the podium for preparation.

Dress code and equipment: National team's competition uniform and competition equipment. National flags, signs and other non-competition equipment are not allowed on the stage at flower ceremonies. As wearing masks is also mandatory at the award ceremony, it is recommended that athletes wear face masks with the competition logo during awarding ceremonies. These masks can be found in accreditation materials.

Athletes are supposed to be available for photoshoots after the ceremony and for interviews before the ceremony.

PRIZE-GIVING CEREMONIES

Prize-giving ceremony for both the sprint distance and the pursuit/long distance for all classes will be held at the arena Kääriku according to the program on Thursday, 25, 2021.

Prize-giving ceremony for the middle distance will be held at the arena Kääriku on the day of the race according to the program.

Prize-giving ceremony for the sprint relay/relay will be held at the arena Kääriku together with the closing ceremony on the day of the race according to the program.

Top six athletes/teams in each class shall show up at the podium 5 minutes before the start of the ceremony for preparation.

Dress code and equipment: National team uniform. Competition equipment, sunglasses, bottles, hats, head bands, flags or any accompanying persons are not allowed to be brought to the podium.

Transport to and from the Event are the responsibility of the Teams.

CLOSING CEREMONY

The closing ceremony will be held at the arena Kääriku together with the prize-giving ceremony for sprint relay/relay according to the program.

WAXING FACILITIES AND SKI WAXING SERVICE

Pre-booked waxing facilities are available at the competition arena. These have electrical connections, are heated, and lockable. Wax cabin keys can be obtained from the Event Office.

TRAINING OPORTUNITES

On a light traffic road from Kääriku towards Otepää, please look also map.

Kääriku-Pühajärve ski track for open trainings.

Tehvandi ski tracks in Otepää <https://www.tehvandi.ee/sports-facilities/trails-for-exercising/tehvandi-ski-tracks>.

Model event terrain is open for training throughout the event (except during the races!) although controls with SI Air are in the terrain only during model event on 23.02.

Training at the competition area is forbidden.

COVID TESTING WHEN DEPARTING

As many countries require a receipt of negative COVID-19 test before entering, the organizers will be able to arrange testing at the competition arena before the end of competitions. The test result would be available on the following morning. A certificate of the test result will be provided. Testing will be arranged if there is sufficient interest from the participating teams. Those who want to test and get certificate before leaving Estonia, please contact Event Office by phone +372 5159915 or by e-mail wsoc2021.secretary@peko.ee.

COMPETITION INFORMATION

FORBIDDEN AREAS

All access to embargoed areas, ski tracks and downhill slopes at competition centre, Kääriku, is strictly forbidden. Exceptions are ski test area, model event map (except during the races!), warm-up tracks, tracks to start, access to team officials delivering equipment to the deposit at the arena and competing athletes. See event centre map above.

TEAM OFFICIALS MEETINGS

Team officials meetings will be held at Kääriku event center the evening before each respective race. Please look the detailed program above. Team officials meetings will be held indoors in accordance with the schedule in competition Bulletin 4. Please submit questions in advance of the meeting as far as possible.

- Limit attendance to 1 team official per team
- Arrive shortly prior to the meeting
- Observe social distancing, spread out in the meeting room
- Mask shall be worn at all times
- Leave immediately following the meeting

COMPETITION ENTRY

WSOC has four starting groups - three unrestricted starting groups (1-Early, 2-Middle, 3-Late) plus a restricted group (Red Group).

JWSOC and EYSOC have three unrestricted starting groups (1-Early, 2-Middle, 3-Late).

Team leaders are responsible for allocating their athletes to these starting groups except for the top 20 in Red Group, who are placed according to the current ranking list.

The allocation of athletes to starting groups should be done in Eventor. If problems with allocation arise, please contact event office.

START LISTS

Start lists will be distributed at team official meetings and uploaded to IOF Eventor on the evening before each race.

NUMBER BIBS

Disposable waterproof number bibs and number vests will be used. 4 safety pins per athlete are included in the accreditation materials. Number vests will be used only in WSOC. Number vests will be picked up after finishing every day by organisers.

NB! Paper number bib should be placed on the right foot. The number bibs may not be folded or cut.

GPS

GPS tracking is used only in Men and Women classes. Wearing GPS tracker is mandatory for all participants in these classes. GPS tracker will be placed into number vest pocket at the pre-start and collected at the finish.

Please avoid using mobile internet during the time, when competitions are taking place. Overloading mobile networks disturbs the work of GPS trackers. There is free WiFi in the arena and also Kääriku sports centre buildings – please connect to these networks.

DROP OFF / PARKING

Parking is available at the arena. Please follow the signs and instructions of the parking marshals. The distance from the parking to the competition arena is maximum 400m. Parking is free of charge. It is possible to drive to the quarantine to drop off athletes and equipment before returning to the parking. Please follow the signs and instructions from the parking marshals to avoid slowing the flow of traffic.

TOILETS

Toilets are available in the quarantine, at the arena and in Event office building

QUARANTINE

All athletes must pass through the quarantine on their way to the start.

The quarantine is in the sports hall, which is in the size of 3 normal-sized basketball halls.

There are also spacious rooms on the second floor of the gym. All teams have marked areas, which are large enough. Masks should be used. It is not allowed to enter quarantine area in outdoor footwear. Please bring your indoor shoes or stay in socks

Please remember to take your accreditation badge with you!

The quarantine area includes also many toilets. The route to the start is marked from the quarantine.

As noted in the daily program, once the entrance to the quarantine is closed, only event organisers are permitted to enter the area, this means that team leaders, waxers, etc who plan to be present in the quarantine area must be there in good time. Any athlete or team official leaving the quarantine area after entrance has been closed will not be permitted back in.

Please note that telephones, tablets, computers or other electronic equipment are not permitted within the quarantine and warm-up area.

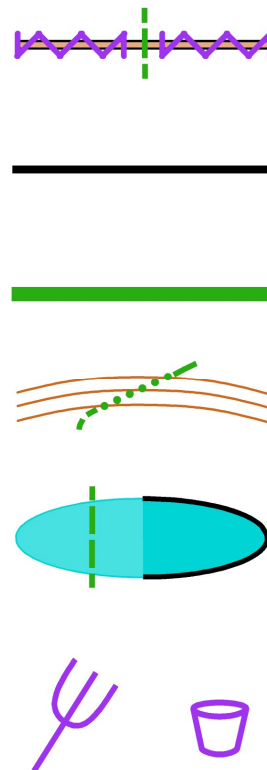
BAG DROP

Bags are transported by special trolley and the bags must be placed in a trolley before departing to the start. Please mark bags with the national flag tag you find in accreditation materials. Bags will be placed near the finish area according to national flags.

MAP SCALES AND SIZES

- A4 size (21 x 29,7 cm), all days, 5m contour interval, all days
Scales
- Sprint 1:5000
- Pursuit/Long 1:10000
- Middle 1:10000
- Sprint relay 1:5000
- Junior and youth relay 1:7500
- Waterproof material. Fasteners can be pressed through.

- All brown roads are forbidden to use as indicated by purple zig-zag symbol.
- All black roads are allowed to use.
- Tartu Ski Marathon (classic style), which was held 21.02.2021, track crosses the terrain. The track is about 12m wide, covered with classic style tracks and drawn on the map with ultra-wide track symbol (wide track x 1.5, line width 1,28mm). See it during Model event.
- There is one dotted track on the map, which descends a steep slope at a reasonable angle. The track is 80m long and 80cm wide. The beginning of the track is prepared by a snowmobile; the dotted part will be done by skis.
- There is a half-allowed, half-forbidden lake on the map. The allowed part of the lake has green ski track and has been checked by the organizers. 3 weeks before competitions, there was water on the lake.
- During pursuit/long, the equipment deposit is together with a refreshment point on the terrain that is not located next to a control. Following map symbols will be used.
- During first days, parts of the map remain hidden, these parts are covered with white color on the map.
- There are two forbidden areas on the map near the stadium! The north side of the northern forbidden area is marked with a red-white tape in the terrain. Have a look at this area before start and do not cross it!



EQUIPMENT CHANGE

There is coaching zone in the arena. Team officials themselves can deposit equipment there for all distances that cross the arena. Exact information about equipment is under each day and will be given at team officials' meetings.

Undamaged ski-change is not allowed in any of the distances. In case of very dirty snow before pursuit/long distance competition, the team officials may agree that undamaged ski change is allowed on that distance.

TRACKS

More than 100 km of ski trails have been cleaned. Courses are ready:

| | KM | Percentage |
|------------------------|------------|-------------|
| Narrow track (~0,8m) | 0.08 | 0% |
| Track (~1,5m) | 78.8 | 58% |
| Wide track (2-2,5m) | 18.2 | 13% |
| Very wide track (3-4m) | 25.9 | 19% |
| Ultra-wide track (10m) | 4.6 | 3% |
| Road with snow (2-3m) | 9.5 | 7% |
| TOTAL | 137 | 100% |

TERRAIN

The competition terrain is located on the territory of Otepää Nature Park on southwestern edge on Otepää upland featuring several medium size hills with steep slopes, relatively flat grasslands and marshes in between hills. Height difference in the competition terrain is 80 meters and up to 50 meters on one slope.

Kääriku sports center usually keeps open 2, 3, 5 and 14km ski tracks during winter time. In past times, several national cross-country skiing championships have taken place there and the tracks are considered among the hardest in Estonia.

Spruce is the dominant tree species in the area, but when mixed with alder, aspen, birch, bird cherry and hazel, the natural vegetation ranges from thick to impenetrable. Past storms have made sure that a significant number of trees are placed on the ground horizontally. Large moose and small deer inhabit the dark woods.

In contrast, younger planted forests and overgrown abandoned fields offer areas where passability on skis is relatively easy. Also harvesters worked extensively in the terrain and large sections of the forest are now "white" or semi-open, where visibility is good, but surface is covered by logging debris.

WEATHER FORECAST

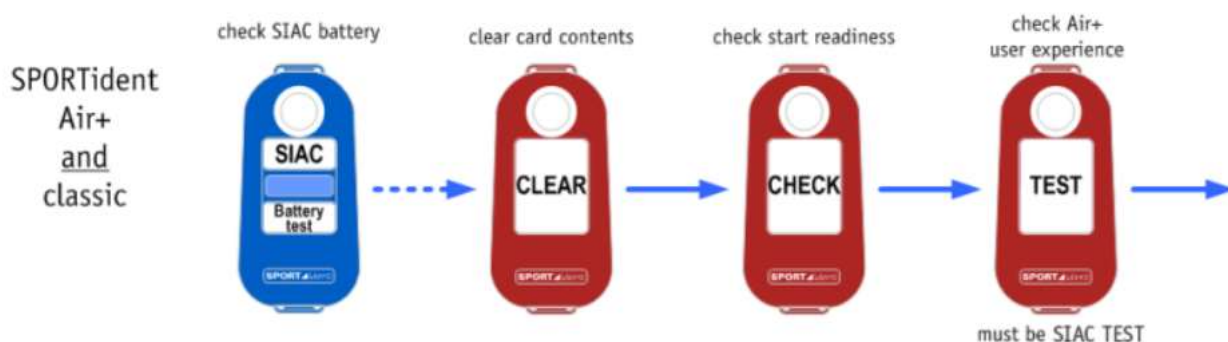
Latest weather forecast can be found in competition homepage www.wsoc2021.peko.ee

PUNCHING

WSOC 2021 will use SportIdent Air+ as punching system.

SIAC cards are distributed upon accreditation.

Competitors should have double SIAC cards attached to either their left or right hand or arm, both cards should be attached to the same hand or arm. We do not recommend SIAC cards to be placed on the same hand as the GPS watch. There will be SIAC card test in the start



Punching is touch-free, you are not allowed to touch the control equipment. Control equipment is on a fiber pole as shown on the photo below. The SIAC card needs to be within 50 cm of the punching unit for it to be registered.

Controls are equipped with one station operating in AIR mode - this is the uppermost station on the pole. In addition, lower on the pole there is a normal SI-station as a back-up station, which must be used when the AIR station or SIAC card is not functioning. For the back-up punch, the SI card must be inserted into the station hole.



The SIAC card will flash and give an audible "beep" when a punch is registered. The cards have a 5 second flash. If neither of the SIAC cards flashes nor beeps, the competitor must punch at the other punching unit at the control point.

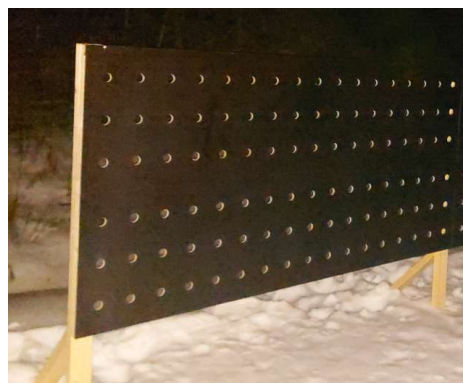
Example controls will be available at the Model Event.

After finish, data from one of the SIACs should be downloaded. If punches are missing data from the second SIAC should also be downloaded. If punches are still missing when these readings are merged the athlete should hand in both SIACs for further processing, "red exit".

Team officials should gather all cards from their teams after the last competition of the championships and hand them in to the competition office. A fee of 100€ will be charged if a card is lost or is not returned.

MAP EXCHANGE

Example of map board at map exchange and at relay changeover.



FIRST AID

First aid service and transport of injured athletes from the forest is available. Contact the event doctor at the competition office +372 56254810 In case of emergency. Emergency number in Estonia is 112.

MAPS AFTER FINISH

Maps will not be collected after finish. Maps left at map exchange will be made available in the evening at the competition office.

RESULTS

Follow the live results on the screen at the arena and at LIVE Orienteering

<https://orienteering.sport/event/world-ski-orienteering-championships-2021/welcome/>

Official results will be published on IOF Eventor and in <http://wsoc2021.peko.ee/> The results used for flower ceremonies will be taken from the administrative system ten minutes prior to the ceremony. Outcome from possible pending complaints or protests will not be taken into consideration.

COMPLAINTS AND PROTESTS

Complaints should be submitted in writing to the Competition Office at the latest 30 minutes after the last finisher in the class it concerns. Complaints can only be submitted by a team official or a competitor. The event director will deal with the complaint and take a decision on the question. The person making the complaint will be informed of the decision. Complaints may be made free of charge. Should the person making the complaint not be satisfied with the decision a protest may be submitted. Protests should be submitted in writing within 15 minutes of the complainant receiving notice of the original decision. Protests are dealt with by the jury.

The fee for a protest is 50€. This fee will be repaid should the jury approve the protest.

JURY

Miroslav Rygl (AUT/CZE)

Mika Tervala (FIN)

Isa Heggedal (NOR)

Gunārs Ikaunieks (LAT)

Claes Turesson (SWE)

Bjoern Heinemann (GER) – substitute member

APPLICABLE RULES AND REGULATIONS

Competition Rules for International Orienteering Federation (IOF)

Ski Orienteering Events; dated 1 November 2020

DEVIATIONS FROM THE RULES AND CLARIFICATIONS

There are two deviations from the rules for WSOC:

The map shall only be printed on one side of the paper:

Two-sided map will be used in one of the distances. Large number 1 and number 2 is printed on the corner of the map, for easy identification of the correct side. The map will be printed on a waterproof material. If needed, it is easy to press the fasteners through the material.

It is not allowed to participate in more than one championship during the week, with these exceptions:

Participants from JWSOC may participate in the WSOC sprint relay.

Participants from EYSOC may participate in the JWSOC relay.

All participants in the WSOC sprint relay must be registered as WSOC participants no later than 16:00 on 27.02.2021

- All participants in the WSOC sprint relay must have a valid IOF athlete license.

- JWSOC participants who are registered as WSOC participants do not have to pay additional accreditation fees.

- Participation in both the JWSOC relay and the WSOC sprint relay is not allowed.

In the event of having one athlete participating in more than one championship please send an email to WSOC2021.secretary@peko.ee

DOPING CONTROL

Doping is strictly forbidden, and the organizers are dedicated to supporting the anti-doping authorities in their work. Doping controls may be carried out any time during the competition period. Selected athletes will be given instruction to report to the doping control after finishing their race, and will be escorted by a chaperone. Random doping control may occur even during the days when there are no competitions. Doping tests will always be carried out in accordance with the procedures described in the WADA International Standard for Testing and Investigations. The World Anti-Doping Code and IOF Anti-Doping Rules apply as of 1st of January 2015.

MODEL EVENT COURSES

| | Length (km) | Shortest sensible route (km) | CP | Climb (m) |
|----------------|-------------|------------------------------|----|-----------|
| 1:5000 | 3,4 | 4,6 | 9 | 75 |
| 1:7500 | 3,7 | 5 | 10 | 100 |
| 1:10000 | 4,1 | 5,9 | 8 | 125 |

On the southwestern part of the model map, there is one of the most dangerous descents. Check it out, please avoid descending, but you may try climbing this track.

COURSES

SPRINT

| | Length (km) | Shortest sensible route (km) | CP | Climb (m) | Expected winning time (min) |
|--------------|-------------|------------------------------|----|-----------|-----------------------------|
| Men | 3,3 | 5,1 | 14 | 135 | 16 |
| Women | 2,8 | 4,3 | 11 | 110 | 15,5 |
| M20 | 3,1 | 4,8 | 11 | 130 | 16 |
| W20 | 2,5 | 3,6 | 12 | 65 | 14 |
| M17 | 2,3 | 3,3 | 10 | 60 | 12 |
| W17 | 2,1 | 3 | 9 | 45 | 12 |

PURSUIT/LONG

| | Length (km) | Shortest sensible route (km) | CP | Climb (m) | Expected winning time (min) |
|--------------|-------------|------------------------------|----|-----------|-----------------------------|
| Men | 13,3 | 18,6 | 25 | 390 | 63 |
| Women | 11,3 | 16 | 25 | 315 | 61 |
| M20 | 14,9 | 20,9 | 35 | 430 | 75 |
| W20 | 13 | 18,2 | 33 | 345 | 74 |
| M17 | 8,6 | 11,6 | 19 | 190 | 42 |
| W17 | 8,1 | 10,9 | 19 | 175 | 46 |

MIDDLE

| | Length (km) | Shortest sensible route (km) | CP | Climb (m) | Expected winning time (min) | Refreshment points |
|--------------|-------------|------------------------------|----|-----------|-----------------------------|--------------------|
| Men | 9,9 | 13,5 | 25 | 310 | 44 | 1 |
| Women | 8,4 | 11,3 | 21 | 240 | 42 | 1 |
| M20 | 6,6 | 9,4 | 17 | 170 | 31 | 1 |
| W20 | 6 | 8,4 | 15 | 150 | 32 | 1 |
| M17 | 4,4 | 6,1 | 12 | 120 | 22 | 1 |
| W17 | 3,9 | 5,1 | 10 | 75 | 22 | 1 |

SPRINT RELAY

| 1 leg | Length (km) | Shortest sensible route (km) | CP | Climb (m) | Expected winning time (min) |
|--------------|-------------|------------------------------|----|-----------|-----------------------------|
| Women | 1,7 | 2,1 | 6 | 35 | 8 |
| Men | 2 | 2,5 | 7 | 40 | 8 |

RELAY

| | Length (km) | Shortest sensible route (km) | CP | Climb (m) | Expected winning time (min) |
|------------|-------------|------------------------------|----|-----------|-----------------------------|
| M20 | 6,3 | 8,3 | 14 | 145 | 31 |
| W20 | 5,6 | 7,2 | 14 | 135 | 31 |
| M17 | 4,6 | 5,7 | 11 | 95 | 23 |
| W17 | 3,8 | 4,6 | 11 | 65 | 21 |

MAP EXCHANGE

Map exchanges apply. Be careful to take the correct map. If your map is missing, speak immediately to the organiser at the map exchange to get a new map.

REFRESHMENTS

Water is served along the longer courses and after the finish line. Detailed information at team officials' meetings.

EQUIPMENT DEPOSITS

Equipment may be deposited at the designated place in the arena and at a position in the forest. Team officials and organisers are not permitted to assist an athlete during equipment changes. All equipment to be transported into the forest should be packed in ski bags clearly marked with team and class. The bags should be handed to the organisers at the entrance to the quarantine at the latest 30 minutes before the first start. Once the race is over, the equipment may be collected from the same place. Team leaders should place equipment for the arena at the indicated position. Detailed information about deposits at team officials' meetings.

MAXIMUM SKIING TIME

The maximum skiing time is 3 hours.

FINISH

Taping and track markings in the snow will show the way from the last control to the finish. There will be no punching at the finish line as the time will be registered automatically via a loop antenna as the SIACs passes the line. A photocell is used as a back-up system. After crossing the finish line, you will be directed to download of data from your SIAC and return of your bib.



ORGANISERS

Competition Office e-mail WSOC2021.info@peko.ee Telephone +372 5159915

ORGANIZING FEDERATION AND CLUB

Estonian Orienteering Federation
Orienteering Club Värskä OK Peko, www.peko.ee

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MEDIA CONTACTS AND ACCREDITATION

Event homepage <http://wsoc2021.peko.ee>

CONTROLLERS

IOF Senior Event Adviser: Vadim Konyshv (RUS)
IOF Assistant Event Adviser: Sergei Kobelev (RUS)
National Event controller: Sixten Sild (EST)

COURSE SETTERS

Co-ordinator – Tõnis Erm

Sprint – Tõnis Erm

Pursuit, Long – Tõnis Erm

Middle – Taivo Timmusk

Relay – Taivo Timmusk

MEDIA

Media co-ordinator/press manager Einar Raudkepp: E-mail WSOC2021.media@peko.ee



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