

COMPETITION INSTRUCTIONS

SM-TRAILO 2024

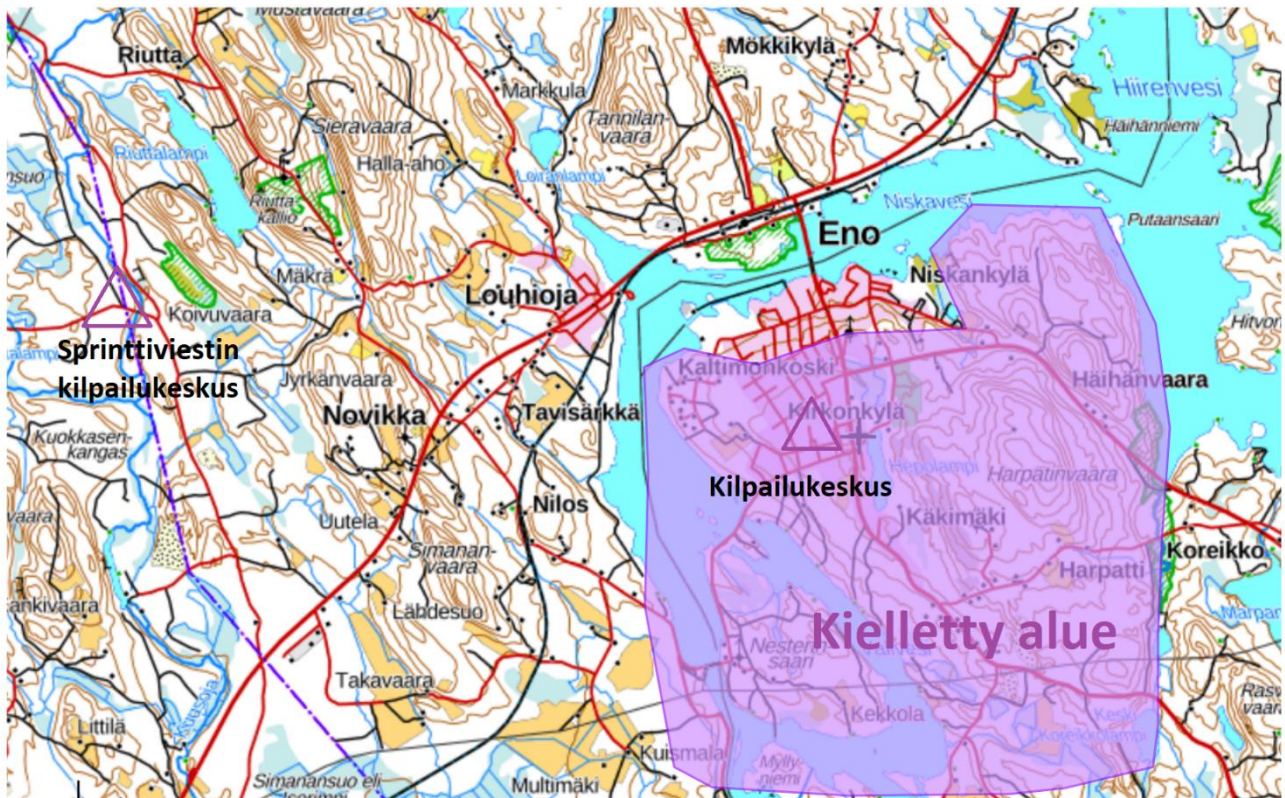
Competition Rules: The competition will adhere to the competition rules of the Finnish Orienteering Federation.

Jury: Esko Junttila (chair), Pinja Mäkinen, XY

Program:

31.8. Saturday:		Course setter:
11.00	SM-PreO 1	Janne Seppälä
16.00	SM-TempO	Petteri Hakala
1.9. Sunday:		
10.00	SM-PreO 2 Prize giving after the results are finished.	Petteri Hakala
14.00	Pair sprint relay	Janne Seppälä

Location of the event center and the embargoed areas:



All movement in the restricted area is prohibited for competitors until September 1, 2024. Traveling on public roads within the area is permitted, except on Kirkkotie and Voimalaitoksentie. It is allowed to use Voimalaitoksentie between Metsätie and Enontie to reach the competition center.

Categories: Elite category. Finnish competitors must have a valid orienteering competition license. Participants in the SM competition must be at least 11 years old or turn 11 during the current year.

Guidance: Guidance to the competition center from Enontie (road no. 512).

Competition Center and Information:

- The competition center is located at Enon School, Alapappilantie 6, 81200 Eno (62.789116, 30.153356). The center is in the east wing, accessed from the south via Alapappilantie. Contrary to previous information, the accessible toilet (Inva-WC) is also accessed from the south, not from Viestikuja. Parking is available in areas surrounding the competition center, with easiest access from Alapappilantie. No washing facilities are available.
- The Pair Sprint Relay competition center is located at Salmilammentie 70, Kontiolahti (62.801900, 30.028573). The competition center only provides information services.

Starts:

- The walk to the normal competition start locations is approximately one (1) kilometer. The route to the start is not marked, but competitors will receive a guide map from the information desk. The TempO start location is approximately 2.5 km away, and participants may drive there according to instructions provided on the day of the competition. The first start times are listed in the program table, and start times have been published at top.yq.cz. The TempO competition has a quarantine at the competition site, closing at 4:00 PM. Additionally, TempO has a finish quarantine until the last competitor starts, where spectators can watch the competition at a public control. There is no quarantine in the normal competition.

Competition Numbers: Competition numbers are used in the PreO and TempO competitions. The same number is used throughout the weekend. Competition numbers can be collected at the competition center. Bring your own safety pins.

Maps: All competitions use a sprint orienteering map (ISSprOM 2019) made for trail orienteering. Scale in the PreO competition is 1:4000, with a contour interval of 2.5 m; in the TempO competition, 1:3000 with a contour interval of 2.5 m. In the Pair Sprint Relay, the scale is 1:4000 with a contour interval of 2 m. Mapping was conducted between 2018–2024 by Petteri Hakala and Janne Seppälä. Printed maps will be used in the PreO competitions. A plastic cover will be provided on Saturday and should be retained for possible use in later competitions.

Old Map: An old map covering much of the competition area can be viewed here: [Old Map](#)

Terrain and Paths:

- In the normal competition, the terrain is characterized by small-scale cliff and rock formations with abundant stones in some areas. The area is primarily commercial forest owned by the church and forestry companies but is used for recreation throughout the year. Paths are mainly well-maintained ski trails and forest roads. Elevation changes are moderate.
- The TempO terrain is varied, offering both forest stations and maintained park areas, as well as more urban built infrastructure. The route is on hard surfaces with minimal elevation change.

- The Pair Sprint terrain is relatively flat pine forest with numerous stones.

Punching System:

- The TOE electronic punching system will be used in the normal competition and the Pair Sprint. The organizer will provide the necessary punching fans for a rental fee. Punching fans are available at the competition center. Before each competition, competitors must clear all tags from their fan by reading them in the clear unit located near the start. The start and finish must be punched using the info tag at the start/finish punching unit. Each control has its own punching unit, and competitors punch with their fan at the correct tag A-E or Z. The punching order of the controls between the start and finish is free. Competitors return their fans after the final competition, i.e., after the sprint relay. If a competitor does not participate in the sprint, the fans must be returned to the competition center after the PreO.

Backup Punching System: If the TOE punching unit does not work (no beep when punching), competitors must use the backup punching system by pinning the punch on the control descriptions. The punch should be made on the row corresponding to the control number, with flags A-E in the corresponding columns from the left, and note that zero is marked in the last column.

	A	B	C	D	E	Z
	Elit		600 m			
	▷			/	/	Y
1	A-B		▲			○
2	A		V			

Procedures at Time Controls and Tempo Stations:

- Upon seeing a Stop/Wait sign on the route, the competitor stops and waits for their turn at the station. Upon arrival at the station, the competitor informs the official whether they wish to perform the station with bound or loose maps. After sitting down, the official will present the control flags A-F from left to right. When the official says, "time starts now," the clock starts, and the competitor may turn over the first map sheet. The competitor must ensure they complete the tasks in numerical order, with only one map sheet visible at a time. Maps may not be flipped backward.

Assistants: The organizer does not provide assistants. Competitors may use their own assistants, who may help with movement and punching but not with solving tasks.

Prizes: Medals and plaques will be awarded to the top Finnish finishers in the SM competitions. Small prizes will be awarded to the top teams in the Pair Sprint.

Zero Controls: In all competitions, the nearest flags at zero controls are at least four meters (4 m) away from the correct position according to the control circle and description. There are no exceptions to this rule, although definition zeros are possible if the 4 m distance is met according to the descriptions.

PreO 1, Saturday, August 31, 2024

- The walk to the start is approximately 1.2 km. P-category competitors may drive closer to the start if they wish. Other competitors may request permission to do so for a valid reason.

- The course length is approximately 1.0 km with 25 tasks, maximum time 105 minutes, and 115 minutes for the P-category. The course is divided into two parts, with a transfer of about 300 meters between them. No time is taken on this transfer. Competitors must punch at the intermediate finish before the transfer and at the intermediate start after the transfer, where they will receive a new map. The first part is 540 meters long with 14 controls. The second part is 420 meters long with 11 tasks. A-controls generally do not have decision stakes.
- After the finish, there will be one time control station with 6 flags (A-F), 3 tasks, no zero answers, and a maximum time of 90 seconds. After this, competitors return to the competition center via the same route, which is about 2.3 km (1.5 km for those in the P-category with alternative parking).

TempO, Saturday, August 31, 2024

- The TempO competition has three quarantines: start quarantine, intermediate quarantine, and finish quarantine.
- All competitors must be in start quarantine by 4:00 PM, which is located at the competition site. The competition site is about 2.5 km from the competition center. Competitors will receive driving instructions to the competition site at the competition center on Saturday. The competition site can also be reached on foot or by bicycle. There are no toilets available at the TempO competition site. Competitors may use the toilets at the competition center until 3:30 PM before the quarantine.
- The TempO competition is divided into two parts, with an intermediate quarantine between them, but the first part is not a qualification competition.
- There are 7 stations, with the first 4 completed in the first part and the remaining 3 in the second part. The first part is about 1.3 km long (distance from quarantine to quarantine), and the second part is 200 meters. After completing the first part, competitors move to the intermediate quarantine to wait for the start of the next part, which begins shortly after all competitors have completed the first part. Equipment may be left in the intermediate quarantine when leaving the start quarantine. The last station of the second part is a spectator station, where competitors remain in quarantine after completing the course. Quarantine ends when the last competitor has completed the station. The first part uses a route map, while the second part is guided by officials.
- Competitors may take a sheet of paper from the start quarantine, on which they may write their start time and time control results with pens provided by the marshals.

Each station has 6 flags labeled A-F, 5 tasks, and a maximum time of 150 seconds. A zero answer is possible. The TempO competition area includes multi-level areas described using the new IOF guidelines for depicting complex urban structures on a sprint orienteering map. The English instructions can be viewed here: <https://1drv.ms/b/s!As4LDA11gDVmgvJtteKHbteK-YrFXg>. For clarity, no control points have been placed in these areas, but they may be present at the stations. Additionally, the guy wires of masts or power lines are not depicted on the map. The special feature symbol (531) represents a speaker mast, which is not very tall. The special vegetation feature symbol (419) depicts large stumps and rootstocks. The TempO awards ceremony will take place at the competition site after the event.

PreO 2, Sunday, September 1, 2024

The distance to the start is approximately 800 m. P-category competitors may drive closer to the starting area if they wish.

The course length is 600 meters with 30 tasks, a maximum time of 108 minutes, and 118 minutes for the P-category. After the finish, there will be one time control station with 6 flags A-F, 3 tasks, no zero answers, and a maximum time of 90 seconds. After this, competitors will return to the competition center via the same route.

An awards ceremony for the normal competition will take place at the competition center after the event.

Pair Sprint Relay, Sunday, September 1, 2024

Any outstanding competition fees can be paid in cash before the competition, preferably on Saturday.

Registrations are still being accepted, including on-site registrations. The course can also be completed individually in the recreational category.

Guidance to the sprint competition site will be in place by around 1:00 PM on Sunday. Do not arrive at the competition site earlier, as the parking attendants will not yet be present.

The starting order is relatively free, but there must be at least a 20-minute interval between the start times of each pair. There is no official exchange point, as the start and finish are at different locations. After finishing the first leg, the competitor must remain in the finish quarantine and can only leave once their teammate for the second leg has arrived (both must leave together).

The course length is 300 m, with 20 tasks on each leg. The maximum time is 30 minutes per leg. In case of a tie, the team with the faster time will be ranked higher. There are no decision stakes since all tasks are A-flag tasks, and the flag is visible from a point slightly before the punching unit. Juice will be provided at the end of the course.

Note that there may be occasional car traffic on the sprint route, although it is very light. Visibility on the road is good, but competitors should exercise caution on the course.

Eno Restaurants and Grocery Stores on Weekends:

- **S-Market**, Kauppatie 1, Eno: Mon-Sat 7 AM-9 PM, Sun 9 AM-9 PM
- **K-Market**, Niskantie 21, Eno: Mon-Sat 7 AM-9 PM, Sun 9 AM-9 PM
- **Restaurant Dona**, Kauppatie 8, Eno: Fri-Sat 10:30 AM-9:30 PM, Sun 11 AM-9 PM

(Note! Restaurant Dona has moved from its usual location to the ground floor of the Hotel Kaltimonkoski building. The renovation on Kauppatie makes it difficult to reach these locations directly from the town center, but they can be accessed from the competition center via Purokyläntie.)

Officials and Contact Information:

- **Competition Director:** Janne Seppälä, +358 44 500 1676
- **Course Setters:** Petteri Hakala (Head of the Course Setter Group), +358 45 125 1141, and Janne Seppälä
- **Controller and Information Officer:** Lauri Kontkanen, +358 40 759 6177, lateoutdoors@gmail.com

Contact Information: sm.trailo24@gmail.com

We wish you an enjoyable competition. Stay sharp.
Selkien Sisu r.y.