

Bylletin No 4

XVI ÜLIÕPILASTE MAAILMAMEISTRIVÕISTLUSED ORIENTEERUMISJOOKSUS



**ORIENTEERING
2008**

Tartu Estonia
16th World University
Championship



**EESTI
ORIENTEERUMISLIIT**



**XVI WORLD UNIVERSITY
ORIENTEERING CHAMPIONSHIP**

JULY 29 – AUGUST 2 2008, TARTU
29. JUULI – 2. AUGUST 2008, TARTU

1. Welcome to WUOC 2008



Dear friends,

You are gathered here in Tartu today to take part in, or witness, the 16th World University Orienteering Championship 2008.

The International University Sports Federation and the Estonian Academic Sports Federation thank you for coming, and hope you will find the conditions here welcoming and right for your sport.

This championship, organised under the aegis of FISU, is part of our association's magnificent 2008 program. Some 32 championships are to be held this year, each in a different country and for a different sport.

Since the beginning of the sixties, more than 250 of such championships have been staged, covering a broad range of disciplines. These biennial events, whose popularity has continued to grow over the years, lend continuity to the programme of our federation. They also enable a large number of students and University sport directors to exchange ideas outside of the Universiades.

As for 2006, 28 World University Championships, with 5852 participants, were each held in a different place for a different sport. FISU is very proud of the enthusiasm these competitions generated among our member associations.

FISU actively follows and supports these events, enabling student-athletes from all countries to meet in a spirit of understanding and peace that contributes to the achievement of high-level technical results. If performance naturally remains the primary concern of all athletes taking part in these championships, clearly this pursuit implies a spirit of openness and curiosity towards those against whom they seek to measure themselves.

In this sense, your presence here is already an achievement in its own right.

In the name of the International University Sports Federation, I wish you success and I hope that this experience is a memorable one.

George E. Killian

A handwritten signature in dark ink, reading "George E. Killian". The signature is fluid and cursive, with the first name "George" being more prominent.

FISU President



Dear sports friends,

On behalf of the Organising Committee, Orienteering Club Põlva Kobras, Estonian Academic Sports Federation and the Estonian Orienteering Federation, we kindly invite you to participate in the 16th World University Orienteering Championships (WUOC), which will be held in Estonia, in Tartu and its vicinities from July 29 to August 2, 2008.

After the World Cup races, World Junior Orienteering Championships and European Orienteering Championships the WUOC will be another important top event in orienteering that is going to be held in Estonia. We have chosen the most attractive terrains in the surroundings of Tartu and we hope you will find the competitions held in such terrain very exciting.

Only a few of you will return home with medals, but all of you will leave with new experiences and make new friends. I wish that after these competitions you will become better, smarter, friendlier and more confident. Have a nice week of championships in Estonia!

Meelis Atonen

A handwritten signature in dark ink, appearing to read 'Meelis Atonen', written in a cursive style.

Chairman of the Organising Committee of the WUOC 2008

2. Location and Access

Estonia is situated in the north-eastern part of Europe, on the eastern shore of the Baltic Sea. Estonia borders with Latvia in the south and with Russia in the east. Its area is 45,227 km². The average elevation from the sea level is 50 m. There are over 1500 islands and islets in Estonia. There are over 1400 lakes, the biggest one being Lake Peipsi, which is one of the greatest lakes in Europe.

There are 47 towns and cities in Estonia: the biggest are Tallinn (the capital of Estonia) and Tartu. Estonian population is ca 1.38 million. Population consists mostly of the Estonians (ca 64%) and the Russians (ca 28%).

The official language is Estonian. Estonian national currency is Estonian kroon (EEK), 1 kroon = 100 cents, 1 EURO = 15.6 EEK. To make a call to Estonia, please dial the area code +372 and then the phone number.



Tartu, with its population of 101 246 and area of 38.8 square kilometres, is the second biggest town in Estonia. Situated 185 kilometres south of Tallinn, it also represents the centre of Southern Estonia. The river Emajõgi, which connects the two largest lakes of Estonia, flows 10 kilometres within the city borders and adds

colours to the city. The first written records of Tartu date back to 1030. Here is also the oldest and the largest university in Estonia, the University of Tartu (UT), founded in 1632. Number of students at the University of Tartu is 17 500, which is almost one third of all students in Estonia.

3. Organisers

Estonian Academic Sports Federation, Lai 24, 51005 Tartu, ESTONIA

Tel/fax: +372 733 3233

E-mail: [easl@easl.ee](mailto: easl@easl.ee), webpage: www.easl.ee

Orienteering Club Põlva Kobras, Metsa 7, 63308 Põlva, ESTONIA

Tel/fax: +372 799 4851

E-mail: kobras@neti.ee, webpage: kobras.polvamaa.ee

Estonian Orienteering Federation, Regati 1, 11911 Tallinn, ESTONIA

Tel/fax: +372 639 8681

E-mail: eol@orienteerumine.ee, webpage: www.orienteerumine.ee

The Honorary Chair

Meelis Atonen

Laine Jänes

Urmas Kruuse

Kairis Ulp

Siim Sukles

Avo Kokk

Ants Veetõusme

Urmas Klaas

Leho Haldna

Tavid AS, Chairman of the OC of the WUOC 2008

Minister of Culture

Mayor of Tartu

Member of FISU Executive Committee

Secretary General of Estonian Ministry of Culture

Catella Estonia, partner

President of Estonian Academic Sports Federation

President of Estonian Orienteering Federation

IOF Council member

Event Officials

Event Director

Nikolai Järveoja (President of the OC Põlva Kobras)

Secretary General

Tõnis Jürimäe (EASF)

Office and Accreditation

Maret Vaher (OC Põlva Kobras)

IT and Timekeeping

Tarmo Klaar (OC Ilves)

Maps and Course setting

Madis Oras (OC Ilves)

Transport

Teet Tooming (OC Põlva Kobras)

Constructions and Equipment

Pear Post (OC Põlva Kobras)

Accommodation and Board

Taima Nurm (OC Põlva Kobras)

Ceremonies

Kunnar Karu (EASF)

Media

Küllli Kivioja (OC Põlva Kobras)

Director of finance

Vilve Liiskmann (OC Põlva Kobras)

Spectator's Event Koprakarikas

Katrin Viilu (OC Põlva Kobras)

4. Event Controllers

FISU controller Ola Kåberg (Sweden)
IOF advisor Margus Sarap (Estonia)
National controller Tarvo Avaste (Estonia)

5. WUOC 2008 Programme

Monday	July 28	Arrival, accreditation
Tuesday	July 29	Model event, opening ceremony
Wednesday	July 30	Sprint
Thursday	July 31	Long distance
Friday	August 1	Middle distance
Saturday	August 2	Relay, closing ceremony, banquet
Sunday	August 3	Departure

SUNDAY, July 27, ARRIVAL

10:00	Opening of the Event Centre	Dorpat Convention Centre
19:00–21:00	Dinner	Dorpat Convention Centre

MONDAY, July 28, ARRIVAL

08:00 – 10:00	Breakfast	Dorpat Convention Centre
10:00 – 22:00	Event Office is open	Dorpat Convention Centre
10:00 – 21:00	Accreditation	Dorpat Convention Centre
13:00 – 15:00	Lunch	Dorpat Convention Centre
16:00 – 18:00	Free training	Tartu Toomemägi
19:00 – 21:00	Dinner	Dorpat Convention Centre

TUESDAY, July 29, MODEL EVENT

07:00 – 10:00	Breakfast	Dorpat Convention Centre
08:00 – 21:00	Event Office is open	Dorpat Convention Centre
14:00	Deadline for team accreditation	Dorpat Convention Centre
10:00 – 13:00	Model event	Uniküla
12:00	Deadline for entries of sprint distance	
13:00 – 15:00	Lunch	Dorpat Convention Centre
16:00 – 17:00	Opening Ceremony	Town Hall Square

17:00 - 18:30	Meeting with the Mayor of Tartu	Town hall
19:00 - 19:45	Team Officials' meeting	Dorpat Convention Centre
19:45	FISU Commission meeting	Dorpat Convention Centre
19:00 - 21:00	Dinner	Dorpat Convention Centre

WEDNESDAY, July 30, SPRINT

06:30 - 09:00	Breakfast	Dorpat Convention Centre
07:30 - 09:00	Event Office is open	Dorpat Convention Centre
10:00 - 12:00	Sprint	Tartu
10:00 - 12:30	Information desk is open	Finish arena
12:00	Deadline for entries of long distance	
12:30	Medal awarding ceremony	Finish arena
	Press conference	Finish arena
13:00 - 22:00	Event Office is open	Dorpat Convention Centre
13:00 - 15:00	Lunch	Dorpat Convention Centre
19:00 - 19:45	Team Officials' Meeting	Dorpat Convention Centre
19:00 - 21:00	Dinner	Dorpat Convention Centre

THURSDAY, July 31, LONG DISTANCE

06:00 - 09:00	Breakfast	Dorpat Convention Centre
07:00 - 09:00	Event Office is open	Dorpat Convention Centre
09:30 - 14:00	Long distance competition	Veskimõisa
11: 00 - 14:30	Information desk is open	Finish arena
12:00	Deadline for entries of middle distance	
13:00 - 15:00	Lunch	Finish arena
14:15	Medal awarding ceremony	Finish arena
	Press conference	Finish arena
17:00 - 22:00	Event Office is open	Dorpat Convention Centre
19:00 - 19:45	Team Officials' Meeting	Dorpat Convention Centre
19:00 - 21:00	Dinner	Dorpat Convention Centre

FRIDAY, August 1, MIDDLE DISTANCE

06:00 - 09:00	Breakfast	Dorpat Convention Centre
07:30 - 09:00	Event Office is open	Dorpat Convention Centre
10:00 - 13:30	Middle distance competition	Prangli
10:00 - 15:00	Information desk is open	Finish arena
13:00 - 15:00	Lunch	Finish arena

14:00	Medal awarding ceremony	Finish arena
	Press conference	Finish arena
15:00	Deadline for entries of relay	Finish arena
17:00 – 22:00	Event Office is open	Dorpat Convention Centre
19:00 – 19:55	Team Officials' Meeting	Dorpat Convention Centre
19:00 – 21:00	Dinner	Dorpat Convention Centre

SATURDAY, August 2, RELAY

06:00 – 08:30	Breakfast	Dorpat Convention Centre
07:30 – 08:30	Event Office is open	Dorpat Convention Centre
09:30	Women's relay start	Prangli
09:40	Men's relay start	Prangli
09:50	Mixed teams' relay start	Prangli
09:00 – 15:00	Information desk is open	Relay arena
12:15	Mass start for teams behind	Relay arena
13:00 – 15:00	Lunch	Relay arena
13:00	Relay medal awarding ceremony	Relay arena
	Press conference	Relay arena
14:00	Mass start for VIP, Press and team officials	Relay arena
17:00 – 19:00	Event Office is open	Dorpat Convention Centre
19:00 – 20:00	Closing ceremony	Dorpat Convention Centre
20:00 – 21:30	Banquet	Dorpat Convention Centre
21:30	After-party	Gunpowder Cellar

SUNDAY, August 3, DEPARTURE

07:00 – 10:00	Breakfast	Dorpat Convention Centre
07:00 – 12:00	Event Office is open	Dorpat Convention Centre
07:00 – 12:00	Departure	

6. Daily Programme

6.1. Model Event

Tuesday, July 29, 10:00-13:00

Location: Uniküla, at 25°55'53"E, 58°15'51"N

Approaching route: Tartu-Kurepalu-Roiu-Uniküla. Distance is 24 km from hotel Dorpat. Marked route will begin on street Võru at railway crossing before Ülenurme.

Bus transport schedule

Bus	Departure from hotel Dorpat	Arrival to Uniküla	Country
1	9:30	10:10	AUS(6), AUT(8),BLR(11),BUL(10),SVK(10)
2	9:30	10:10	CAN(1), CZE(14), ESP(10), EST(13), SWE(8)
3	10:40	11:20	FIN(13), GBR(13), GER(11), LIT(11)
4	10:40	11:20	HUN(12), IRL(7), JPN(12), ITA(6), MDA(8)
1	11:00	11:40	LAT(15), FRA(13), POL(1), USA (14)
2	11:00	11:40	NOR(11),RUS(15), SUI(14), POR(6)

Bus	Departure from Uniküla	Arrival to hotel Dorpat	Country
3	11:30	12:10	AUS(6), AUT(8),BLR(11),BUL(10),SVK(10)
4	11:30	12:10	CAN(1), CZE(14), ESP(10), EST(13),SWE(8)
1	12:40	13:10	FIN(13), GBR(13), GER(11), LIT(11)
2	12:40	13:10	HUN(12), IRL(7), JPN(12), ITA(6), MDA(8)
3	13:00	13:40	LAT(15), FRA(13), POL(1), USA (14)
4	13:00	13:40	NOR(11),RUS(15), SUI(14), POR(6)

Maps:

Uniküla, scale 1:10 000, contour interval 5.0 m, size 210 x 290 mm

Uniküla, scale 1:15 000, contour interval 5.0 m, size 140 x 210 mm

Maps for model event will be handed out at model event start at Uniküla.

Terrain description: Middle and small land forms, a lot of small contour objects, 90% forested. Mostly coniferous forest; mixed forest (deciduous trees) as underwood. Many paths, roads and trails. Runnability is good or very good. Runnability of cleared areas varies, runnability of young forest is average. Out of bounds: shooting range. Maximum height difference is 55 m (on one slope 45 m).

Control descriptions: Control descriptions are printed on the map.

Course planner: Kaarel Kure

6.2. Sprint Distance

Wednesday, July 30, 10:00-13:00

Location: Tartu, 3 km from the hotel Dorpat

First start: 10:01

Map: Scale 1: 4 000, contour interval 2.5 m, size 230 x 220 mm, mapped by Kalle Kalm, final revision in June 2008.

Terrain description:

Land forms One part of the terrain is recreation park area on the ancient riverbank of Emajõgi with height differences up to 20 meters.

Vegetation Very good runnability. Some trees and bushes in park area.

Ground Mostly dry and firm.

Visibility Very good.

Roads and paths Well-developed network of paths and roads. Plenty of asphalt roads, gravel tracks and small paths, 25% of the roads are asphalt.

Control descriptions: Control descriptions are printed on the map. Separate control descriptions will be available at the pre-start. Size of control descriptions: Women 55 x 135 mm, Men 55 x 140 mm.

Course planner: Kalle Kalm

Courses:

	Length	Controls	Climb	Expected winning time	Maximum running time
WOMEN	2.7 km	16	55 m	13 min	50 min
MEN	3.1 km	17	70 m	13 min	50 min

On both courses there is a marked route of 140 meters.

Radio controls: There is one radio control on both courses.

Refreshment: Pure water will be available at the pre-start area and at after the finish.

Warm-up area: The warm-up area at pre-start is marked with tags and plastic tape. There is no warm-up map.

Start procedure:

7 minutes to start Call up, SPORTident check

|

380 m

|

3 minutes to start Proceed to next line

|

90 m

|

2 minutes to start Take control descriptions

|

90 m

|

1 minute to start Proceed to next line

|

90 m

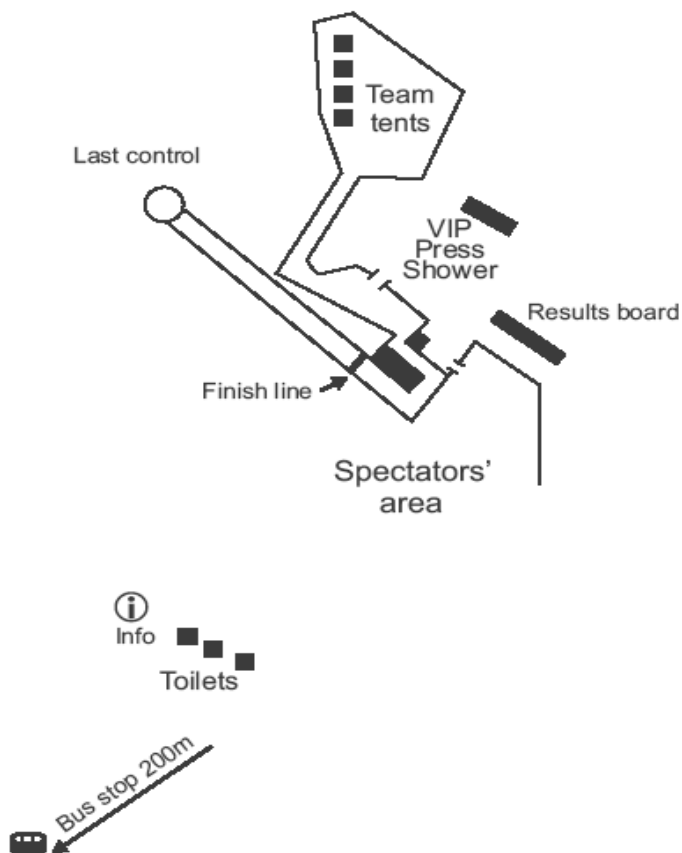
|

Start Take map after start signal

In sprint competition the start gate will be used and time is taken in tenths of seconds.

Finish arena:

Sprint arena



Transport: Organisers' bus transport to the start is obligatory for all competitors. Team members who will use organisers' buses to get to the finish arena must stay in the bus at pre-start. The bus will continue to the finish arena. Team members who will use their own transport to go to the finish arena must follow the route: Hotel Dorpat – Soola – Turu – Vabaduse pst – Kroonuaia – Jakobi – Fr.R.Kreutzwaldi.

Bus transport schedule

Start numbers	Start time	B u s	Depart ure from hotel Dorpat	At the pre-start	Arrival to finish arena
1-15, 101-115	10:01-10:15	1	9:00	9:15	9:25
16-30, 116-130	10:16-10:30	2	9:15	9:30	9:40
31-45, 131-145	10:31-10:45	3	9:30	9:45	9:55
46-60, 146-160	10:46-11:00	1	9:45	10:00	10:10
61-, 161-	11:01-	2	10:00	10:15	10:25
Bus from pre-start to finish		2		~11:20	~11:30

Bus	Departure from finish arena	Arrival at hotel Dorpat
1, 2, 3	13:00	13:15
1, 2, 3	13:30	13:45

Transport from pre-start to finish: Transport service will be provided from the pre-start area to the finish arena for competitors' bags. Team officials must take the bus to go from pre-start to finish arena. It is not allowed to walk from pre-start to finish.

Competition area embargo: Sprint distance competition area will be embargoed until 1 p.m. on July 30.

6.3. Long Distance

Thursday, July 31, 09:30-14:00

Location: Veskimõisa, 40 km from hotel Dorpat

First start: 09:31

Map: Scale 1:15 000, contour interval 5 m, size 370 x 190 mm, mapped by Madis Oras and Avo Veermäe, final revision in June 2008.

Terrain description:

Land forms Moderately hilly terrain with height differences in range of 30-40 meters and with small contour details in some areas. Lot of marshes of different size.

Vegetation About 90% forested area and 10% open area. Mixed forest, clearings of different age, some bushes and undergrowth. Runnability can be varying on clearings and on areas with undergrowth. Dense vegetation on older clearings will slow down running speed remarkably. Areas of wind-fallen trees are shown on the map with symbol 409 (*undergrowth: difficult to run*). Old hayfields have not been mowed for many years, and there are growing some small trees and bushes.

Ground	Runnability varies from very good to very bad (due to undergrowth and fallen trees). Most of marshes are easily crossable; only some open marshes can be wet and soft.
Visibility	Visibility varies from very good to poor.
Roads and paths	On some small parts of terrain there is dense network of tracks and paths. But mostly the tracks and paths are weedy and have not used for some years. Some forestry tracks are not easy to run due to cut branches and rough ground.

Control descriptions: Control descriptions are printed on the map. Separate control descriptions will be available at pre-start. Size of control descriptions: Women 55 x 150 mm, Men 55 x 185 mm.

Course planner: Avo Veermäe

Courses:

	Length	Controls	Climb	Refreshment controls	Expected winning time	Maximum running time
WOMEN	9.0 km	19	140 m	30%, 60%	~60 min	150 min
MEN	13.2 km	25	210 m	25%, 45%, 80%	~80 min	180 min

Radio controls: There are 3 radio controls on both courses.

Spectators' control: Both courses have a spectators' control. For men it is at 45% of the course, and for women at 60% of the course.

Refreshment: Pure water will be available at the pre-start area, at refreshment controls and after the finish.

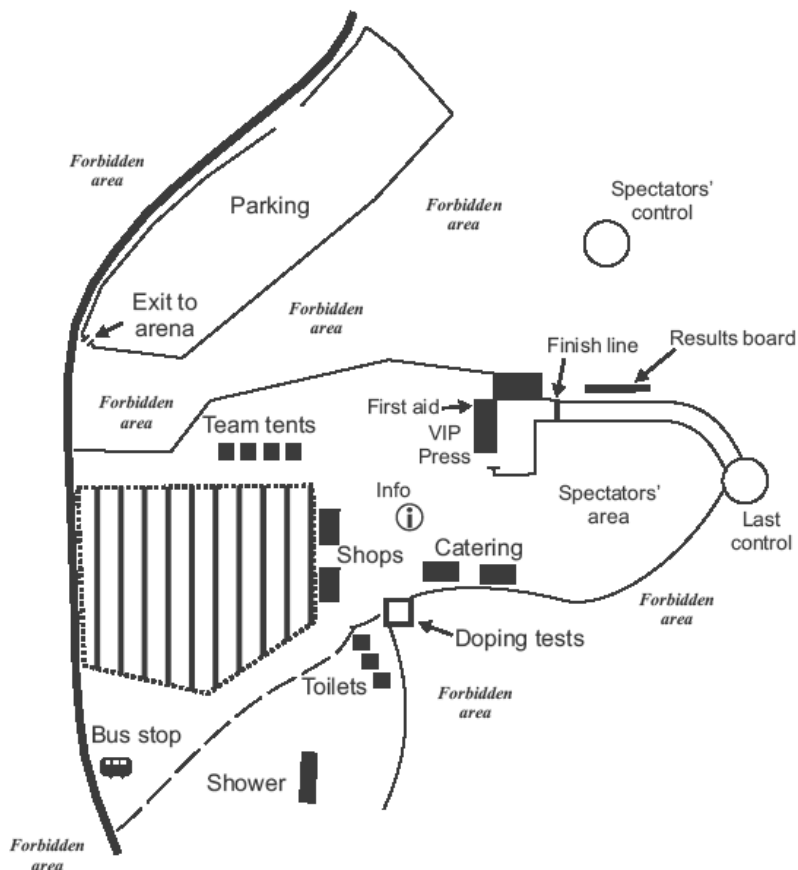
Warm-up area: The warm-up area at pre-start is marked with tags and plastic tape. There is no warm-up map.

Start procedure:

3 minutes to start	Call up, SPORTident check
150 m	
2 minutes to start	Take control descriptions
110 m	
1 minute to start	Proceed to next line
90 m	
Start	Take map after start signal

Finish arena:

Long distance arena



Transport: Organisers' bus transport to the start is obligatory for all competitors. Team members who will use organisers' buses to get to the finish arena must stay in the bus at pre-start. The bus will continue to the finish arena. Team members who will use their own transport to go to the finish arena must follow the signs of marked route. Marked route to finish arena will begin on 33rd km of road no 2 (Tartu-Võru) at Sulaoja where is sign to Piigaste.

Bus transport schedule

Start numbers	Start time	B u s	Departure from hotel Dorpat	At the pre-start	Arrival to finish arena
1-10, 101-110	9:31- 9:50	1	7:45	8:30	8:35
11-20, 111-120	9:51-10:10	2	8:05	8:50	8:55
21-30, 121-130	10:11-10:30	3	8:25	9:10	9:15
31-45, 131-145	10:31-11:00	4	8:45	9:30	9:35
46-60, 146-160	11:01-11:30	1	9:15	10:00	10:05
61-75, 161-175	11:31-12:00	2	9:45	10:30	10:35
76-, 176-	12:01-	3	10:15	11:00	11:05

Bus	Departure from finish arena	Arrival at hotel Dorpat
1,2,3,4,5,6	15:00	15:45

Transport from pre-start to finish: Transport service will be provided from the pre-start area to the finish arena for competitors' bags. Team officials are allowed to walk from pre-start to finish arena, but they can not return to pre-start area later. Distance from pre-start to finish arena is less than 1 km.

Competition area embargo: Long distance competition area will remain embargoed after WUOC 2008. Entering to the competition area by competitors or team officials is prohibited.

6.4. Middle Distance

Friday, August 1, 10:00-13:30

Location: Prangli, 33 km from hotel Dorpat

First start: 10:01

Map: Scale 1:10 000, contour interval 5.0 m, size 320 x 310 mm, mapped by Madis Oras, final revision in June 2008.

Terrain description:

Land forms Terrain with middle and small landforms with height difference up to 20 meters. Maximum height difference 35 meters. Lot of small contour details. Lot of marshes of different size.

Vegetation About 90% forested area and 10% open area. Mixed forest, clearings of different age, some bushes and undergrowth. Runnability can vary on clearings and on areas with undergrowth in wide range. Dense vegetation on older clearings will slow down running speed remarkably. In

young forests where improvement cuttings have done recently (shown on map with symbol 409) the runnability is remarkably reduced.

- Ground Runnability varies from very good to very bad (due to undergrowth and fallen trees). Some older clearings with dense vegetation may remarkably slow down running speed. Most of marshes are easily crossable, only some smaller marshes can be wet and soft.
- Visibility Visibility varies from very good to very bad.
- Roads and paths Moderately developed network of tracks and paths. Regular system of rides. Some less distinct forestry tracks are not shown on the map.

Control descriptions: Control descriptions are printed on the map. Separate control descriptions will be available at pre-start. Size of control descriptions: Women 55 x 90 mm, Men 55 x 110 mm.

Course planner: Madis Oras

Courses

	Length	Controls	Climb	Expected winning time	Maximum running time
WOMEN	4.9 km	10	50 m	~30 min	70 min
MEN	6.2 km	13	80 m	~30 min	70 min

Radio controls: There are 2 radio controls on both courses.

Refreshment: Pure water will be available at the start area and at after the finish.

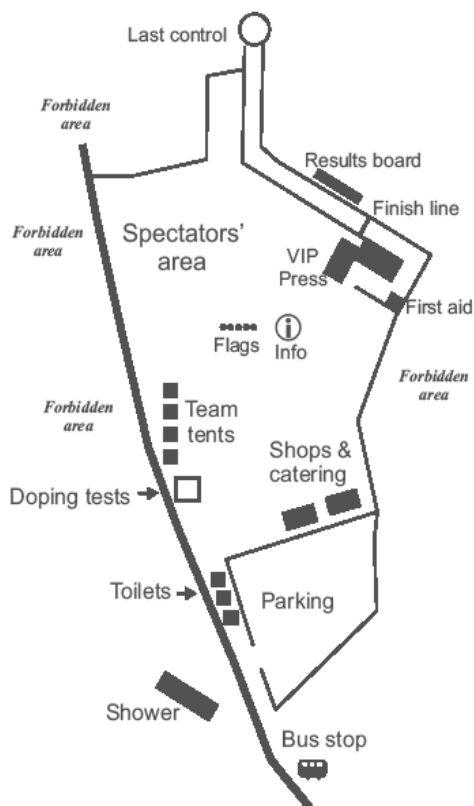
Warm-up area: The warm-up area at pre-start is marked with tags and plastic tape. There is no warm-up map.

Start procedure:

- | | |
|--------------------|-----------------------------|
| 3 minutes to start | Call up, SPORTident check |
| | |
| 60 m | |
| | |
| 2 minutes to start | Take control descriptions |
| | |
| 30 m | |
| | |
| 1 minute to start | Proceed to next line |
| | |
| 30 m | |
| | |
| Start | Take map after start signal |

Finish arena:

Middle distance arena



Transport: Organisers' bus transport to the start is obligatory for all competitors. Team members who will use organisers' buses to get to the finish arena must stay in the bus at pre-start. The bus will continue to the finish arena. Team members who will use their own transport to go to the finish arena must follow the signs of marked route. Marked route to finish arena will begin on 25th km of road no 2 (Tartu-Võru) at Vissi, where is a sign to Vooreküla.

Bus transport schedule

Start numbers	Start time	B u s	Departure from hotel Dorpat	At the pre-start	Arrival to finish arena
1-10, 101-110	10:01-10:20	1	8:25	9:05	9:15
11-20, 111-120	10:21-10:40	2	8:45	9:25	9:35

21-30, 121-130	10:41-11:00	3	9:05	9:45	9:55
31-45, 131-145	11:01-11:30	4	9:30	10:10	10:20
46-60, 146-160	11:31-12:00	1	10:00	10:40	10:50
61-75, 161-175	12:01-12:30	2	10:30	11:10	11:20
76-, 176-	12:31-	3	11:00	11:40	11:50
Bus from pre-start to finish		3		~13:20	~13:30

Bus	Departure from arena	Arrival at hotel Dorpat
1,2,3,4,5,6	14:30	15:10

Transport from pre-start to finish: Transport service will be provided from the pre-start area to the finish arena for competitors' bags. Officials must take the bus to go from pre-start to finish arena. It is not allowed to walk from pre-start to finish.

Competition area embargo: Middle distance competition area will remain embargoed after WUOC 2008. Entering to the competition area by competitors or team officials is prohibited.

6.5. Relay

Saturday, August 2, 09:30-14:00

Location: Prangli, 33 km from hotel Dorpat

First start: Women 9:30, Men 9:40, mixed teams 9:50

Map: Scale 1:10 000, contour interval 5 m, size 320 x 310 mm, mapped by Madis Oras, final revision in June 2008.

Terrain description:

- | | |
|------------|--|
| Land forms | Terrain with middle and small landforms with height difference up to 20 meters. Maximum height difference 35 meters. Lot of small contour details. Lot of marshes of different size. |
| Vegetation | About 90% forested area and 10% open area. Mixed forest, clearings of different age, some bushes and undergrowth. Runnability can vary on clearings and on areas with undergrowth in wide range. Dense vegetation on older clearings will slow down running speed remarkably. In young forests where improvement cuttings have done recently (shown on map with symbol 409) the runnability is remarkably reduced. |

Ground	Runnability varies from very good to very bad (due to undergrowth and fallen trees). Some older clearings with dense vegetation may remarkably slow down running speed. Most of marshes are easily crossable, only some smaller marshes can be wet and soft.
Visibility	Visibility varies from very good to very bad.
Roads and paths	Moderately developed network of tracks and paths. Regular system of rides. Some less distinct forestry tracks are not shown on the map.

Control descriptions: Control descriptions are printed on the map.

Course planner: Madis Oras

Courses:

	Length	Controls	Climb	Expected winning time	Maximum running time
Women leg 1-2	5.0-5.1 km	10	55 m	~38 min	5 hours
Women leg 3-4	3.8-3.9 km	10	40 m	~28 min	
Men leg 1-2	8.1-8.2 km	14	90 m	~48 min	5 hours
Men leg 3-4	6.1-6.2 km	11	70 m	~38 min	

Mixed teams' courses are the same as courses for men and women.

Radio controls: There are 2 or 3 radio controls on each leg in both classes.

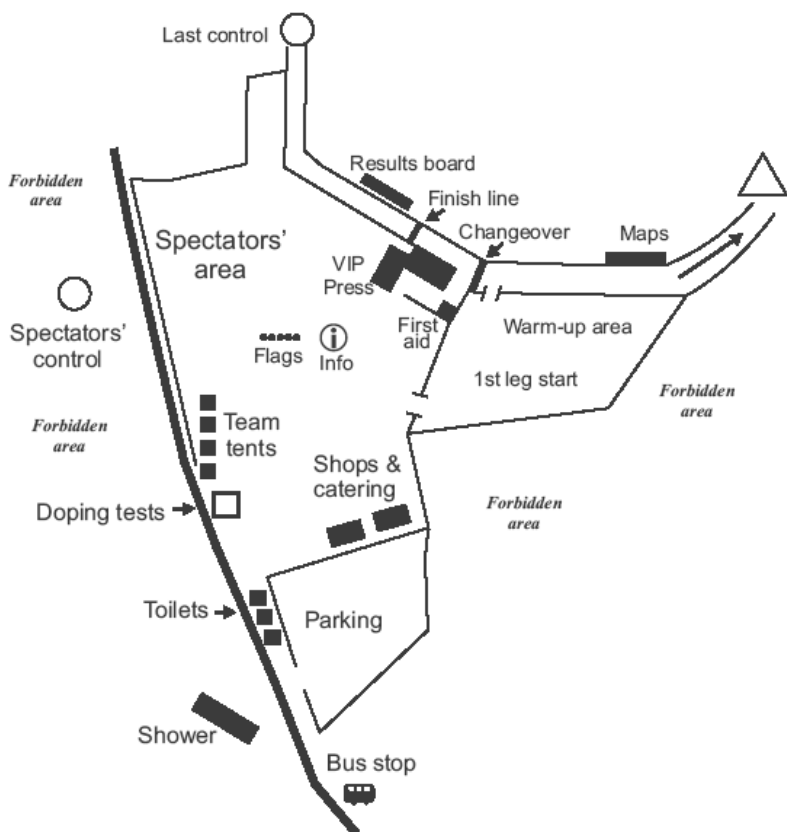
Spectators' control: There is a spectators' control on each leg in both classes.

Refreshment: Pure water is available at the finish arena, and at the refreshment controls.

Start: Competitors of first leg can enter to the start area through the check-in gate 10 minutes before their start. Two minutes before the start the competitors may stand behind their maps which are on the ground in front of them. The start number of the team is written on back side of the map. The map can be taken only after the start signal.

Changeover: There will be a pre-warning about 3-4 minutes before changeover. The incoming competitor crosses the finish line, punches a SPORTident control unit behind the finish line and drops the map. The changeover between incoming and outgoing runners shall take place by touch. The outgoing competitor takes the correct map from the map wall and follows the marked route to the start point.

Relay arena:



Transport: Team members can use either their own transport or organisers' bus transport to go the relay arena. Marked route to the arena will begin on 25th km of road no 2 (Tartu-Võru) at Vissi, where is a sign to Vooreküla.

Bus transport schedule

Bus	Leg	Departure from hotel Dorpar	Arrival to arena
1,2,3	1 st and 2 nd leg runners and team officials	8:00	8:35
4,5	3 rd and 4 th leg runners	8:30	9:05
6	4 th leg runners	9:00	9:35

Bus	Departure from arena	Arrival at hotel Dorpat
1,2,3,4	14:00	14:35
5	15:00	15:35
6	15:30	16:05

Competition area embargo: Relay competition area will remain embargoed after WUOC 2008. Entering to the competition area by competitors or team officials is prohibited.

7. Event Centre

The WUOC Event Centre is located in the Dorpat Convention Centre, Soola 8, 51014 Tartu, Estonia, www.dorpat.ee. Dorpat Convention Centre has theatre hall for ceremonies, facilities for administration, information centre, meeting rooms, press centre, social events, etc.



WUOC 2008 Event Office

For more information about WUOC 2008, including associated events and training camps, please contact us at the addresses:

WUOC 2008 Office

Lai 24, 51005 Tartu, ESTONIA

Phone/fax: +372 733 3233

During WUOC 2008 from July 27-August 3 the Event Office is located at Event Centre, Dorpat Convention Centre, Soola 8, Tartu.

During the competitions the Event Office can be contacted at +372 73 122 00 and fax +372 73 122 01.

E-mail: wuoc2008@easl.ee

Website: www.easl.ee/wuoc2008

8. Accommodation and Board

All WUOC participants and officials will be accommodated in Hotel Dorpat in Tartu. There are twin rooms, shower, TV and WiFi internet connection available. Period of WUOC accommodation lasts from July 27 to August 3.

All meals will be served at the Dorpat Convention Center, except for lunches on July 31, August 1 and August 2, which will be served at competition arenas. Team leaders will receive team food tickets for the whole week on accreditation.

9. Rules

The World University Orienteering Championships 2008 will be organised according to the Competition Rules for IOF Foot Orienteering Events (edition of July 1, 2008) and according to the Regulations for FISU Events. Please refer to IOF rules at <http://www.orienteering.org>

Protests have to be submitted at the information desk 15 minutes after the speaker has confirmed the final results (see FISU regulations 3.2.8.). Each protest must be accompanied by a deposit of fifty US Dollars (50 USD) which will be returned only if the protest is considered to be justified.

10. Fair Play

To ensure the fairness of the competition, all team members are reminded that:

- ✓ Telecommunication equipment, including portable phones, may not be used at the pre-start area, or on the way from hotel to start.
- ✓ Previous maps of the competition terrain may not be taken to the start or race arenas.
- ✓ Any team member disregarding these regulations will be liable for disqualification.

11. Anti-Doping

The organisers are committed to doing everything required to support the official anti-doping authorities at WUOC 2008 in doing their work successfully. We strongly support all efforts to keep orienteering and all university sport clean and doping-free.

The doping tests will be conducted in accordance with the procedures laid down in WADA International Standard for Testing and the FISU Medical Regulation, valid from July 2007. Doping control may be carried out at any time during the competition period. All communication with the Organisers about doping control issues should be done through the WUOC Office.

12. Participants

Participants of WUOC 2008

- have to be students who are currently officially registered as proceeding towards a degree or diploma at the university or similar institute whose status is recognized by the appropriate national academic authority of their country, or former students who have obtained their academic degree or diploma in the year 2007;
- must be at least 17 and less than 28 years of age on January 1st, 2008 (date of birth must be between January 1st, 1980 and December 31st, 1990);
- must have full passport-holding citizenship of the country they represent. Each country may enter a team consisting of up to 12 competitors (6 women and 6 men) and 5 team officials. Maximum number of competitors from each country for participation in different races:

Sprint	3 men and 3 women
Long Distance	4 men and 4 women
Middle Distance	4 men and 4 women
Relay	1 men's team (4 legs) and 1 women's team (4 legs)

13. Maps

Maps for the Middle Distance, the Long Distance and the Relay have been prepared according to ISOM 2000. The Sprint map has been prepared according to ISSOM 2007. All maps are sealed in plastic bags. The model maps demonstrate identical paper, colours and printing.

14. Embargoed Areas

The areas indicated on the map below are embargoed. It is prohibited to enter the embargoed areas for any potential member of WUOC 2008 teams (athletes, team officials, medical staff) and others, who, through the knowledge of the terrain, may influence the results of the WUOC 2008 competitions.

All competition areas will remain embargoed after WUOC 2008, except for the sprint area, which will be open for trainings from 1 p.m. on July 30, 2008.

Embargoed areas



	Map code	Competition
1. Tähtvere	0102	Sprint
2. Poka	9819 and 8907	Long distance
3. Prangli	9834	Middle distance and Relay



Tähtvere- SPRINT

Poka- LONG DISTANCE





Prangli- MIDDLE DISTANCE AND RELAY

15. Punching System

SPORTident punching system will be used in all WUOC events. It is allowed to use your own SPORTident (series 5, 6, 8 or 9). It is possible to rent the SPORTident card from organisers. The rent fee will be covered by entry fee. The competitor must use the same SPORTident card in all WUOC 2008 races. Competitors are reminded of IOF rules that:

- It is the competitor's responsibility to ensure correct punching.
- If a SPORTident station fails to operate then the competitor must use the back-up pin punch to make a mark in the reserve box provided on the map and report this at the finish.

SPORTident will not be used for official timekeeping, but will be used for split time presentation. Split times recorded by SPORTident will be published as unofficial split times.

An independent backup timing system will be used throughout the competition.

16. Clothing and Laundry Service

The choice of clothing and footwear is free. Organisers recommend fully covered legs and arms for long distance, middle distance and relay.

We strongly recommend you NOT to wash your orienteering shoes in the hotel. Please wash your orienteering shoes using the extra tap near the showers at the competition arena.

Laundry services can be found in Tartu close to hotel Dorpat:



LAIDRON Pikk street 14 (self-service); open Mo-Fr 08:30-21, Sa 9-18, Su 10-16

SAUBERLAND Fortuuna street 1; open Mo-Fr: 8-19, Sa 10-16

The laundry service costs will be paid by teams.

17. Number Bibs

In all WUOC competitions athletes must wear start number bibs. Number bib must be worn clearly visible on the chest. The number bib may not be folded or cut!

The number bibs will be handed out at the team officials' meeting day before the event. Each competitor will get only 4 safety pins for whole week to attach the number bibs. If needed, the extra pins can be asked from event office.

Prior to every medal awarding ceremony special number bibs will be handed out to the athletes placed in eight best in the competition. The bibs must be worn on the chest during the medal awarding ceremony.

18. Check-in Zones

There will be a check-in zone at the pre-start of each individual competition. Competitors and team officials must show their WUOC accreditation cards and sign in at the entry gate of check-in zone. The pre-start check-in zone will be equipped with toilets, pure water, tents for competitors and a tent to leave the bags to be transported to the finish arena. Teams may set up their own tents. The limits of the warm-up area will be marked with tags and plastic tape.

The use of mobile phones, computers or any other communication devices inside the check-in zones is strictly prohibited. It is not allowed to bring any maps of competition areas into the check-in zones. Runners and team officials may not visit the finish area before entering the check-in zone.

Team officials must sign off at the check-in zone gate when they leave pre-start area to go to finish arena. When they have left the check-in zone they can not enter again.

19. Ceremonies

The opening ceremony of WUOC 2008 will be held on Tuesday, July 29 at 16:00 on the Town Hall Square in Tartu town centre. We kindly ask all WUOC participating teams to gather at 15:30 in national team uniform at riverbank of Emajõgi next to hotel Dorpat. Organisers will give there further instructions about procession to the Town Hall Square.

The medal awarding ceremonies will be held after competition at the finish arenas. Competitors are kindly asked not to take their national flags or other national or religious symbols to the pedestal.

The closing ceremony of the WUOC 2008 will be held Saturday, August 2 at 19:00 in Dorpat Convention Centre.

20. Weather

At the beginning of August the weather is normally nice and warm in Estonia, with temperatures about 20-25°C. The highest temperature at this time of year can be up to 30°C and the lowest 15°C. Rain and showers may occur at this time of the year. See also www.emhi.ee .

21. Event Transportation

Organisers will arrange transportation between Event Centre and competition sites during the WUOC. Transport from and back to the airport, harbour, railway station or bus station will be organised according your travel lists.

22. Accreditation

Accreditation can be done until 14:00 on Tuesday July 29 at the Event Centre. The representative of the team must present the documents proving student status or student cards and ID-card or passport of the team members. They must be prepared to pay the participation fee and FISU fee (20 USD per person).

At the accreditation desk the representatives will receive all materials concerning the competitions, including SPORTident cards which are to be returned after the relay competition.

23. Medical services

Emergency medical services are available at the finish arenas of all races. For other medical problems we refer to the local hospitals in Tartu. Organiser will coordinate healthcare services for participants. Emergency phone number is 112.

24. VIP Race

The orienteering race for the WUOC guests, press and team officials will take place on Saturday, August 2, at 14:00 after the relay competition. The start of the race will be at the relay arena. SPORTident will be used as the time-keeping system. Participants can bring their own SPORTident cards or alternatively can use organiser's cards. There will be a mass start.

25. WUOC 2008 Entries

		COUNTRY	MEN	WOMEN	OFFICIAL	TOTAL
1		AUSTRALIA	3	3	0	6
2		AUSTRIA	6	3	1	10
3		BELARUS	4	4	1	9
4		BULGARIA	4	3	3	10
5		CANADA	1	0	0	1
6		CZECH REPUBLIC	6	5	3	14
7		ESTONIA	6	6	1	13
8		FINLAND	4	4	3	11
9		FRANCE	5	5	3	13
10		GERMANY	5	4	2	11
11		GREAT BRITAIN	5	5	3	13
12		HUNGARY	6	5	2	13
13		IRELAND	3	3	1	7
14		ITALY	3	1	1	5
15		JAPAN	6	5	1	12
16		LATVIA	6	6	4	16
17		LITHUANIA	5	5	1	11
18		MOLDOVA	4	2	2	8
19		NORWAY	6	4	1	11
20		POLAND	0	1	0	1
21		PORTUGAL	4	1	1	6
22		RUSSIA	6	6	3	15
23		SLOVAKIA	5	3	2	10
24		SPAIN	3	3	4	10
25		SWEDEN	6	1	1	8
26		SWITZERLAND	6	5	3	14
27		USA	6	6	3	15
28		NEW ZEALAND	1	0	0	1
			125	99	50	274

26. Important Phone Numbers

WUOC 2008 Event Office	+372 73 122 00
Attaches	+372 50 78 130
Hotel Dorpat	+372 733 71 80
Emergency	112
Police	110

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Haridus- ja Teadusministeerium



KÖLLESTE VALD



Tartumaa Teed AS

Aulis Gänninen



Eve Vigel



Norten OÜ

