



**ORIENTEERING  
2016**

# World University Championship

30 July - 4 August 2016, Miskolc



**Miskolc  
Hungary**

**FISU World University  
Championship**



**BULLETIN 4**

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MISKOLCI  
EGYETEM

## WELCOME



### **Esteemed Competitors, Esteemed Guests,**

It is every university student's experience that the Campus is a special place: it is a city within a city, with its own institutions, its own citizens and in a certain way, its own rules too.

There was a time when campus also meant something different: the open field, the terrain. In ancient Rome the Campus Martius was a field where the army exercised and where public rallies were held. Campus Martius was a place for the community and for great resolutions. This is how the campus in Miskolc is going to be even bigger, more spacious and more colourful: it is going to be an island of students and a battlefield, an open meeting point and place of noble competition. All this thanks to the participants of the 20th World University Orienteering Championship arriving from more than 30 countries, whom we are all pleased to welcome in Hungary.

I am convinced that it will be proven again on the paths of the Bükk Mountains, which have seen so many prestigious orienteering races: Man is really only at home in nature. Anybody familiar with its vibrations and familiar with its routes will only be lost in its beauty. My thanks to you all who are pursuing a sports discipline which compels Man and environment to engage in a gentle and peaceful cooperation.

I wish everybody the best of luck in their competition!

János ÁDER  
President of Hungary

### **Dear friends,**



You are all here in Miskolc today to attend or participate in the 20th World University Orienteering Championship.

This event is part of FISU's wonderful programme featuring 34 World University Championships in 2016; already in 2014, 28 championships had been held, gathering 6,448 student-athletes.

It is important to mention that 338 World University Championships have been organised under the aegis of FISU since 1962 over the 5 continents. They have featured 42 disciplines and gathered more than 60,000 student-athletes in total.

I should also thank all Organising Committees of these events. Without their energy and enthusiasm and without the support of our member associations these championships would have been impossible. Note also that FISU has benefited greatly from the much valued assistance of many international sports federations

with which it maintains close ties.

The 2016 World University Championships represent the 27th edition of these competitions, which take place every two years in even-numbered years. They alternate with the Summer and Winter Universiades, which are organized in odd-numbered years.

The championships provide a large number of students, teachers and sports leaders from various backgrounds with a place, in addition to the Universiades, to meet and share their experiences and ideas. The success of the championships has regularly increased with time. This shows how dynamic FISU member National University Sports Federations have been; more and more of them have put themselves forward for the organisation of a championship.

FISU actively supports those events and endeavours to satisfy students' creativity and aspirations by regularly promoting innovative sports disciplines. The aim is to retain the spirit of play and encourage the development of an open and curious mind among university athletes.

As university events, these world championships aim at the highest technical level and excellence, which are the basic requirements in university. In this sense, your presence here is already a sign of success.

The International University Sports Federation, the National University Sports Federation of Hungary and all the organisers wish to thank you for your participation and hope that you will be warmly welcomed here, where you will find favourable conditions for the best practice of your sport.

In the name of FISU, I wish you an excellent championship.

Oleg MATYTSIN  
FISU President



### Dear Participants,

It is a great honour, that the University of Miskolc and the City of Miskolc can be the host of the 20th World University Orienteering Championship, and the host of more than 30 countries' best student orienteers. We proudly announce, that this event will be a record in the history of the World University Orienteering Championships as for the number of participating countries and also participants.

Please let me greet You in the City, where nature and man created several miracles. Miskolc is the fourth largest city in Hungary with about 160,000 inhabitants, an economic, educational and scientific centre of the northern region of Hungary, and famous for its sports and culture loving people. Orienteering is known to have considerable traditions in Miskolc since we have several Junior and University World Championship medallists, best known of them, Gábor Domonyik – triple Junior World Champion from 1995 and 1996. We can proudly say that the present event is already the fourth time, when the orienteering world visits Miskolc, after the World University Championship in 1986, the Junior World Orienteering Championship in 2001 and the World Orienteering Championship in 2009 were all organized in and around the beautiful forests of Miskolc.

As the Chancellor of the University of Miskolc, it is a special pleasure for me that during this event, so many talented and successful – in sport and education as well – students will visit the Campus of the University of Miskolc. Our campus is a city within the city of Miskolc, and is unique in Hungary in this respect. The constantly renewing and dynamically developing institution not only strengthens the regional role and influence of Miskolc, but directly contributes to the economic and social revitalization of the city and the region. The university continues to enrich values through its educational and research work worthy of its 270-year history. The modernization and development of university infrastructure continues in a separate part of Miskolc, creating a modern environment for the almost 10,000 students at 8 faculties.

The Organizing Committee reflects a significant collaboration: the University of Miskolc, the City of Miskolc, the Hungarian University Sports Federation and the Hungarian Orienteering Federation, as in a unique partnership, will do everything to ensure that the event will be of good standard and provide high-level competition and the participants will have opportunity to get to know the values and sights of the University of Miskolc and the City of Miskolc in addition to the Championship.

I wish all of you great competitions and I wish everyone to leave Miskolc and the University of Miskolc with unforgettable experiences and memories!

Csaba DEÁK  
President of WUOC2016 Organising Committee

## GENERAL INSTRUCTIONS

### 1. PATRONS

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#### Main patron

- János ÁDER – President of Hungary

#### Event patrons

- Tünde SZABÓ – Secretary of State for Sports
- Ákos KRIZA – Mayor of Miskolc Municipality
- Dezső TÖRÖK – President of the Borsod-Abaúj-Zemplén County Council
- Ádám KISS – President of the Hungarian University Sports Federation
- András TORMA – Rector of the University of Miskolc
- Kálmánné RÓNAI – CEO of the Bükk National Park
- Adorján ZAY – CEO of Északerdő Forestry Plc.

### 2. ORGANISERS

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On behalf of the International University Sports Federation ([www.fisu.net](http://www.fisu.net)), the 20th World University Orienteering Championship 2016 will be organised by:

- Hungarian University Sports Federation
- University of Miskolc
- Miskolc Municipality
- Hungarian Orienteering Federation
- Miskolc University Sports Club
- Diósgyőr Orienteering Club

### Steering Committee:

- President: Csaba DEÁK, Chancellor of the University of Miskolc
- Co-President: József BUGÁR, President of Hungarian Orienteering Federation
- Co-President: Zoltán BÁCS, Vice-President of the Hungarian University Sports Federation
- CEO: Zoltán RAKACZKI, President of the Miskolc University Sports Club

### Members:

- Tamás FREYER, Vice President of the Hungarian University Sports Federation
- Zsolt GERZSÉNYI, Council Member of Hungarian Orienteering Federation
- Miklós ILLYÉS, Manager of Miskolc Sports Center Ltd.
- András MAKAI, President of Diósgyőr Orienteering Club
- Péter BODA, Director of University of Miskolc Sports Center
- Lóránt KÉPES, Head of Department of Miskolc Municipality
- Áron LESS, Secretary of the Hungarian Orienteering Federation
- György KOVÁCS, Deputy Secretary General of the Hungarian University Sports Federation

### Operative Committee:

- CEO, pr, marketing and protocol: Zoltán RAKACZKI
- Deputy CEO, technical director: Áron LESS
- Operational manager: Péter BODA
- Event director: Zsolt GERZSÉNYI
- Chief adviser: György KOVÁCS
- Accommodation and Catering: Eszter MOLNÁR
- Logistics: Tamás KÁSA
- IT and Timekeeping: Balázs KOVÁCS
- Transport: Zsófia VERES
- Media and Communications: István SZŰCS
- Extra Programme: Lóránt KÉPES
- Medical matters: Éva BODNÁR
- Event Office, accreditation: Száva ZSIGMOND
- Volunteers: Szilárd BENE, Zsuzsanna DEBNÁR

### Event Controllers:

- FISU Technical Chair for orienteering: Ola KÅBERG (SWE)
- IOF Event Adviser: Jozef POLLÁK (SVK)
- IOF Assistant Event Adviser: Michal KRAJČÍK (SVK)
- National Controller: Zoltán MIHÁ CZI (HUN)

### Supervision, Control and Arbitration Committee (CISCA):

- Kemal TAMER (TUR) – chairman
- Nihat DOKER (TUR)
- Ola KÅBERG (SWE)
- Jose Luis TERREROS (ESP)
- László ZENTAI (HUN)
- Zoltán RAKACZKI (HUN)

### Jury (to be confirmed at the General Technical Meeting):

- Jan BIRNSTOCK (GER)
- Nick DENT (AUS)
- Radek NOVOTNÝ (CZE)

### 3. DETAILED PROGRAM

Thursday, 28 <sup>th</sup> July	
12:00 - 14:00	Lunch (EC)
12:00 - 22:00	Event Office open (accreditation)
18:30 - 19:30	Dinner (EC)
Friday, 29 <sup>th</sup> July	
07:30 - 09:00	Breakfast (EC)
09:00 - 22:00	Event Office open (accreditation)
10:00 - 18:00	Training (optional, self-service)
12:00 - 14:00	Lunch (EC)
18:30 - 20:30	Dinner (EC)
Saturday, 30 <sup>th</sup> July	
07:00 - 09:00	Breakfast (EC)
08:00 - 17:00	Event Office open (EC)
08:30	First bus to Model Event
09:00 - 13:00	Model Event (forest)
11:00	First bus back to Event Centre
12:00	<b>Deadline for accreditation (EC)</b>
12:00	<b>Deadline for final entries for Sprint (EC)</b>
12:00 - 14:00	Lunch (EC)
14:30 - 15:30	Technical Model Event (EC)
15:30 - 17:00	General Technical Meeting (Team Officials Meeting for Sprint)
17:40 - 20:00	<b>WUOC Opening Ceremony – Diósgyőr Castle</b> (including transport)
20:00 - 21:30	Dinner (EC)
20:00 - 22:00	Event Office open (EC)
Sunday, 31 <sup>st</sup> July	
06:30 - 09:30	Breakfast (EC)
08:00 - 09:00	Event Office open (EC)
08:10	First bus to pre-start
10:00 - 13:50	<b>WUOC Sprint – Lillafüred (W: 10:00-11:45; M: 11:45-13:50)</b>
10:30 - 14:30	Event Office open (Arena Lillafüred)
14:00	<b>Deadline for final entries for Long Distance (Arena Lillafüred)</b>
14:00 - 14:15	<b>Prize Giving Ceremony WUOC Sprint (Arena Lillafüred)</b>
14:20	First bus back to Event Centre
14:45 - 18:00	Embargoed area for the Sprint Relay (downtown) open for everyone
18:00 - 21:00	Event Office open (EC)
18:00 - 20:00	Dinner (EC)
19:00 - 19:30	Team Officials' Meeting for Long distance
Monday, 1 <sup>st</sup> August	
06:00 - 09:30	Breakfast (EC)
08:00 - 09:00	Event Office open (EC)
07:40	First bus to pre-start
09:30 - 14:30	<b>WUOC Long Distance – Miskolc-Királyasztal (W: 10:00-14:15; M: 9:30-14:30)</b>
11:00 - 15:00	Event Office open (Arena Királyasztal)
14:30	<b>Flower Ceremony WUOC Long Distance (Arena Királyasztal)</b>
15:00	<b>Deadline for final entries for Sprint Relay (Arena Királyasztal)</b>
15:00	First bus back to Event Centre
17:00 - 20:00	Event Office open (Event Centre)
18:00 - 20:00	Dinner (EC)
19:00 - 19:30	Team Officials' Meeting for Sprint Relay & Middle Distance
20:00 - 23:00	Visit to the Avalon Park (optional)

Tuesday, 2 <sup>nd</sup> August	
07:00 - 09:30	Breakfast (EC)
08:00 - 12:00	Event Office open (EC)
10:00 - 13:00	Excursion (optional)
12:00	<b>Deadline for final entries for Middle Distance (EC)</b>
12:00 - 14:30	Lunch (EC)
15:20	First bus to pre-start
16:30 - 18:30	Event Office open (Arena Downtown)
17:00 - 18:00	<b>WUOC Sprint Relay – Miskolc Downtown</b>
18:15 - 18:35	<b>Prize Giving Ceremony WUOC Long Distance and WUOC Sprint Relay (Arena Downtown)</b>
18:45	First bus back to Event Centre
18:45 - 19:45	Mayor's reception
19:00 - 21:00	Dinner (EC)
Wednesday, 3 <sup>rd</sup> August	
06:30 - 09:30	Breakfast (EC)
07:40	First bus to pre-start
08:00 - 09:00	Event Office open (EC)
10:00 - 14:15	<b>WUOC Middle Distance – Jávorkút (W: 10:00-14:00; M: 10:00-14:15)</b>
11:00 - 15:00	Event Office open (Arena Jávorkút)
14:30	<b>Deadline for final entries for Relay (Arena Jávorkút)</b>
14:30	Flower Ceremony WUOC Middle Distance (Arena Jávorkút)
15:00	First bus back to Event Centre
18:00 - 21:00	Event Office open (Event Centre)
18:00 - 20:00	Dinner (EC)
19:00 - 19:30	Team Officials' Meeting for relay
Thursday, 4 <sup>th</sup> August	
06:30 - 08:30	Breakfast (EC)
07:00 - 08:30	Event Office open (EC)
07:40	First bus to Relay (Arena Jávorkút)
09:30 - 14:00	Event Office open (Arena Jávorkút)
10:00 - 13:30	<b>WUOC Relay – Jávorkút (W: 10:00-12:00; M: 11:30-13:30)</b>
14:00 - 14:30	<b>Prize Giving Ceremony WUOC Middle Distance &amp; WUOC Relay (Arena Jávorkút)</b>
14:30 - 15:00	<b>WUOC Closing Ceremony (Arena Jávorkút)</b>
15:00	First bus back to Event Centre
15:00 - 16:00	VIP race + Coaches race + open race
16:30	Last bus back to Event Centre
18:00 - 20:00	Event Office open (EC)
18:00 - 20:00	Dinner (EC)
20:00 - 02:00	<b>WUOC Banquet (EC)</b>
Friday, 5 <sup>th</sup> August	
05:00 - 12:00	Departure
07:00 - 09:30	Breakfast
08:00 - 11:00	Event Office open
12:00	Event Centre close

## 4. ENTRIES

Summary of entries received by 21<sup>th</sup> July:

		Country	Competitors			Officials	Total
			Men	Women	Total		
1.		Australia	6	5	11	3	14
2.		Austria	6	6	12	2	14
3.		Belgium	4	0	4	0	4
4.		Bulgaria	3	2	5	2	7
5.		Canada	5	2	7	0	7
6.		China (People's Republic of)	6	6	12	5	17
7.		Czech Republic	5	6	11	2	13
8.		Denmark	4	2	6	2	8
9.		Estonia	5	6	11	0	11
10.		Finland	6	6	12	2	14
11.		France	5	4	9	4	13
12.		Germany	4	1	5	3	8
13.		Hungary	6	6	12	3	15
14.		Ireland	2	3	5	1	6
15.		Israel	6	0	6	1	7
16.		Italy	1	1	2	4	6
17.		Japan	6	6	12	1	13
18.		Latvia	5	4	9	0	9
19.		Lithuania	2	2	4	0	4
20.		New Zealand	3	0	3	0	3
21.		Norway	6	6	12	2	14
22.		Poland	4	2	6	1	7
23.		Republic of Moldova	2	0	2	0	2
24.		Romania	3	2	5	1	6
25.		Russian Federation	6	6	12	1	13
26.		Serbia	1	0	1	1	2
27.		Slovakia	6	4	10	2	12
28.		Slovenia	1	1	2	0	2
29.		Spain	5	4	9	1	10
30.		Sweden	6	6	12	3	15
31.		Switzerland	6	6	12	3	15
32.		Ukraine	2	2	4	1	5
33.		United Kingdom	6	6	12	3	15
34.		United States of America	5	4	9	0	9
		<b>Total</b>	<b>149</b>	<b>117</b>	<b>266</b>	<b>54</b>	<b>320</b>

## 5. EVENT CENTRE AND EVENT OFFICE

For WUOC2016 our aim is to create an Olympic village in the Miskolc University Campus. With fast and direct bus services, the centre of Miskolc - 5 kms away - can be reached within a short time.

The official Event Office will be in the Uni-Hotel, in the Campus of the University of Miskolc. During all competitions the Event Office will work in the arenas as an Arena Info Desk.

In the building accommodating the Event Office, a limited number of classrooms will be available for team meetings. The use of meeting rooms is not included in the Accreditation fee.

The booking of meeting rooms during WUOC2016 will be organised by the Event Office, but if you wish to reserve such facilities, please contact the Head of the Event Office in advance.

**Head of the Event Office: Ms. Száva Zsigmond**

**E-mail contact:** [office@wuoc2016.hu](mailto:office@wuoc2016.hu)

**Permanent phone number: +36 30 900 90 10**

Event Centre (and accommodation) address:

Uni-Hotel, H-3515 Miskolc-Egyetemváros - GPS coordinates: 48.079039, 20.770915

Event Office opening hours		
Date	in the Event Centre (Uni-Hotel)	in Arenas
Thursday, 28 <sup>th</sup> July	12:00 - 22:00	
Friday, 29 <sup>th</sup> July	09:00 - 22:00	
Saturday, 30 <sup>th</sup> July	08:00 - 17:00, 20:00 - 22:00	
Sunday, 31 <sup>st</sup> July	08:00 - 09:00, 18:00 - 21:00	10:30 - 14:30 (Lillafüred)
Monday, 1 <sup>st</sup> August	08:00 - 09:00, 17:00 - 20:00	11:00 - 15:00 (Csanyik)
Tuesday, 2 <sup>nd</sup> August	08:00 - 12:00	16:30 - 18:30 (Downtown)
Wednesday, 3 <sup>rd</sup> August	08:00 - 09:00, 18:00 - 21:00	11:00 - 15:00 (Jávorkút)
Thursday, 4 <sup>th</sup> August	07:00 - 08:30, 18:00 - 20:00	09:30 - 14:00 (Jávorkút)
Friday, 5 <sup>th</sup> August	08:00 - 11:00	

## 6. ACCREDITATION

All registered teams must check in for accreditation at the WUOC Event Office upon their arrival. **Participation in the WUOC events is only possible if all incurred costs are settled by 30<sup>th</sup> July, 12:00.** Each registered team member must present her/his personal passport before she/he can be accredited. A personal WUOC ID card with photo will be handed out at accreditation. All accredited persons must wear it at all relevant times – it must be presented for access zones which are otherwise restricted.

All teams will be assigned a time slot, in which they can arrange the team's accreditation.

By showing the accreditation card, you can use:

- Miskolc public transport (MVK ZRt.) free of charge
- Kemény Dénes indoor swimming pool free of charge between 31<sup>st</sup> July and 4<sup>th</sup> August

## 7. ACCOMMODATION AND FOOD SERVICE

All teams will be accommodated in the Uni-Hotel in double or triple rooms (student type). WiFi is available in the whole building. However if you want a more stable connection, all rooms also have DSL cabled internet connection, but you have to bring your own cables.

On all days, breakfast and dinner will be served at the University Campus, in the University Restaurant. Breakfast – buffet style with free choice, for dinner there will be a choice of three dishes, plus salad and dessert. There will always be a vegetarian choice.

On non-competition days and the Sprint Relay day, lunch will be available in the University Restaurant.

On competition days (except for the Sprint Relay), lunch packets will be available from the arena restaurant. They can be picked up by one Team Official per team. Lunch packets include two sandwiches, müsli bar, fruit and water. For those team members who don't visit the arenas on a specific day, a basic lunch menu will be available in the University Restaurant (except on Sunday 31<sup>st</sup> July). Please indicate any such needs in the Event Office 36 hours beforehand! Basic fruit will be available in the team zones in the finish areas. Restaurants will also serve food in the competition arenas.

In the Uni-Hotel building, Uni-Café serves refreshments and light meals, however this is not covered by the participation fee. A Lidl supermarket is 200 meters from Uni-Hotel (open 7-21, Sunday 7-17), while a Tesco supermarket is 1.000 meters away (open 6-22, Sunday 7-20).

Time Schedule of Food Service in University Restaurant			
Date	Breakfast	Lunch	Dinner
Thursday, 28 <sup>th</sup> July	---	12:00 - 14:00	18:30 - 19:30
Friday, 29 <sup>th</sup> July	07:30 - 09:00	12:00 - 14:00	18:30 - 20:30
Saturday, 30 <sup>th</sup> July	07:00 - 09:00	12:00 - 14:00	20:00 - 21:30
Sunday, 31 <sup>st</sup> July	06:30 - 09:30	lunch packets	18:00 - 20:00
Monday, 1 <sup>st</sup> August	06:00 - 09:30	lunch packets	18:00 - 20:00
Tuesday, 2 <sup>nd</sup> August	07:00 - 09:30	12:00 - 14:30	19:00 - 21:00
Wednesday, 3 <sup>rd</sup> August	06:30 - 09:30	lunch packets	18:00 - 20:00
Thursday, 4 <sup>th</sup> August	06:30 - 08:30	lunch packets	18:00 - 20:00
Friday, 5 <sup>th</sup> August	07:00 - 09:30	---	---

## 8. TEAM OFFICIALS' MEETINGS

All Team Officials' Meetings (TOM) will be held within walking distance from the Event Centre (see map).

Only accredited WUOC officials and invited guests (FISU officials, organisers) have access to the TOMs. A General Technical Meeting will be held just before the Opening Ceremony. For each competition, a Team Officials' Meeting will be held providing all important information about the competitions. There will be a joint Team Officials' Meeting for the Sprint Relay and the Middle Distance competitions. All information will be available in the meeting room, prior to the opening of the TOMs.

Presentation slides from the team official's meetings will be uploaded to the event webpage shortly afterwards.

Time Schedule for TOMs		
Date	Time	Discipline
Saturday, 30 <sup>th</sup> July	15:30 - 17:00	General & Sprint
Sunday, 31 <sup>st</sup> July	19:00 - 19:30	Long Distance
Monday, 1 <sup>st</sup> August	19:00 - 19:30	Sprint Relay & Middle Distance
Wednesday, 3 <sup>rd</sup> August	19:00 - 19:30	Relay

## 9. MEDIA

All media representatives are welcome to come and cover all the WUOC 2016 events. Media services and facilities will be provided at the Event Centre in Miskolc.

Public internet access will be available in the arenas during the competitions as follows:

- Sprint, Long, and SprintRelay: 3G/4G access, available operators: Telekom, Telenor, Vodafone;
- Middle and Relay: 3G/4G access, available operator: Telekom.

Media representatives and team officials are encouraged to bring their own internet enabled devices, neither computers nor wifi service will be offered by the organiser.

## 10. INSTRUCTIONS FOR THE CEREMONIES

### Opening Ceremony

The Opening Ceremony of WUOC2016 will take place on Saturday 30<sup>th</sup> July between 18:30-19:30 in the Diósgyőr Castle. A short march and introduction will launch the ceremony. The Opening Ceremony will be in open air space, a chair will be available for each participant. A short cultural program and speeches will follow. Athletes should be dressed in their national jerseys. Bring your own refreshments!

Buses leave from Uni-Hotel at 17:40 and will depart back at 19:35.

In case of bad weather, the Opening Ceremony will take place in the University Campus. More information will be available in the General Technical Meeting.

### Medal and Flower Ceremonies

The WUOC2016 medal ceremonies will take place according to the protocol of FISU Rules. The medal and flower ceremony will be held after the time limit for complaints. Athletes and teams, ranked 1-3 shall be present behind the podium 5 minutes prior to the beginning of the prize-giving ceremony, in their official national kit. Special number bibs will be handed out and must be worn on the prize-winners' chests during the ceremonies. No sunglasses or hats shall be worn during the ceremonies. Final instructions to the participants will be given prior to the ceremonies on site.

- Sprint: medal ceremony in Sprint Arena;
- Long Distance: flower ceremony (1<sup>st</sup>-3<sup>th</sup>) in Long Arena;
- Spint relay: medal ceremony in Sprint Relay Arena + Long Distance medal ceremony;
- Middle Distance: flower ceremony (1<sup>st</sup>-3<sup>th</sup>) in Middle Arena;
- Relay: medal ceremony in Relay Arena + Middle Distance medal ceremony.

### Closing Ceremony

The Closing Ceremony will be held on Thursday, 4<sup>th</sup> August at the WUOC2016 Relay Arena in Jávorkút after the medal ceremonies for the Middle Distance and Relay competitions. The short programme will include lowering the flags and handing over the FISU flag to the organisers of WUOC2018 in Kuortane, Finland.

### Banquet

The WUOC2016 Banquet will be held on the evening of Thursday, 4<sup>th</sup> August in RockWell Club (in the University Restaurant building) from 20:00. More information will follow in the last Team Official's Meeting.

## 11. EXCURSION

A sightseeing excursion is organised for the morning of Tuesday 2<sup>nd</sup> August. The excursion will not last more than 3 hours. One should sign up in the Event Office until 31<sup>st</sup> July 20:00. More information is available from the Event Office.

## 12. VIP AND COACHES RACE

The VIP & Coaches race will take place on Thursday 4<sup>th</sup> August, after the Relay competition. Mass start format, using the courses from the WUOC relay competition, no official timekeeping. Planned start at 15:00, after the WUOC Closing Ceremony. All accredited persons who didn't run in the WUOC relay, can take part. For those not accredited, entries can be done in the Hungária Cup info tent for 1.000 HUF.

## 13. LOCAL WEATHER CONDITIONS

Usually in July and August the weather in the Miskolc district is warm and pleasant (between 25 and 30°C), though be prepared also for the occasional rainy day when the temperature can drop to 10-15°C

Weather forecasts for the WUOC2016 region will be presented at the Team Officials' Meetings and will also be available in the Event Office.

Weather Conditions			
During the WUOC	Average	Maximum	Minimum
Temperature	20 °C	26,5 °C	13,6 °C
		Yearly average	During the WUOC month
Precipitation		554 mm	60 mm
Sunshine		1766 hrs	254 hrs

Source: Hungarian Meteorological Service

No dangerous snakes or animals live in this region. Beware of ticks. It can transmit borreliosis and encephalitis. It is recommended to see a doctor after removing a tick.

## 14. FREE-OF-CHARGE CITY TRANSPORT IN MISKOLC

WUOC participants are allowed to use city transport lines in Miskolc free of charge after accreditation with their ID cards. Lines and timetables available at <http://www.mvkzrt.hu/en>.

## 15. MEDICAL CARE

There will be medical services in the arenas. The organiser will provide first aid, including an ambulance, at each competition arena. Each National Federation is responsible for the health and medical insurance of all their athletes and team officials.

The phone number for emergency calls in Hungary is 112.

Between 31 July and 4 August, there will be medical service available in the Uni-Hotel between 18:00 and 21:00.



# GENERAL EVENT INSTRUCTIONS

## 16. COMPETITION RULES

The event will follow the actual FISU Regulations for World University Championships and the Competition Rules for IOF Foot Orienteering Events (valid as of 1st January 2016):

<http://orienteering.org/wp-content/uploads/2010/12/Competition-Rules-for-IOF-Foot-Orienteering-Events-2016.pdf>

## 17. PARTICIPANTS

Participants of WUOC2016

- 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 or their country, or former students who have obtained their academic degree or diploma in the year 2015;
- must be at least 17 and less than 28 years of age on January 1<sup>st</sup>, 2016 (date of birth must be between January 1<sup>st</sup>, 1988 and December 31<sup>st</sup>, 1998);
- must have a full passport-holding citizenship of the country they represent.

Each country may enter in:

- Long Distance: four (4) male and four (4) female runners;
- Middle Distance: four (4) male and four (4) female runners;
- Sprint: four (4) male and four (4) female runners;
- Relay: two (2) men's teams of three (3) runners and two (2) women's teams of three (3) runners; women may run in a men's relay; mixed nationality teams may start in the competition proper
- Sprint relay: one (1) team of two (2) female runners and two (2) male runners; women may run a men's course; no mixed nationality teams allowed

## 18. START INTERVALS, START DRAWS, ENTRIES FOR EACH COMPETITION

The start interval in the Middle and Long Distance competitions is 2 minutes and in the Sprint competition is 1 minute. Starting times are drawn randomly in 4 starting groups. Each country may enter a maximum of one (1) athlete in a starting group. Competitors from the same Federation shall not start consecutively. Group 1 means an early, while group 4 means a late start.

Entries should be made using paper entry forms, which you will find in your post boxes.

Deadline for entries			
Event	Date	Time	Location
Sprint	Saturday, 30 <sup>th</sup> July	12:00	Event Centre
Long Distance	Sunday, 31 <sup>st</sup> July	14:00	Arena Lillafüred
Sprint Relay	Monday, 1 <sup>st</sup> August	15:00	Arena Királyasztal
Middle Distance	Tuesday, 2 <sup>nd</sup> August	12:00	Event Centre
Relay	Wednesday, 3 <sup>rd</sup> August	14:30	Arena Jávorkút

Those accredited WUOC participants (competitors and team officials alike), who are not running a WUOC competition on a certain day, can participate in Hungária Cup on that day free of charge. Requests for such starts (numbers at least) should reach the WUOC Event Office two days in advance. There will be a special WUOC Open class with free start times in the first hour of the start window. Vouchers for such starts may be collected in the Event Office on the evening prior to the Hungária Cup competitions. Courses are about 40 minutes long, except for the sprint day, where it's around 18 minutes.

This offer is NOT valid for day 1 of Hungária Cup (WUOC Opening Ceremony day).

There will be organised transport back after the competitions on day 2, 3 & 5 (WUOC Sprint, Long Distance and Middle Distance). There will be no organised transport on day 4 (WUOC Sprint Relay day), however this arena is reachable by public transport free of charge (45 minutes from Event Centre) by using your accreditation card.

## 19. EMBARGOED AREAS AND TRAINING AREAS

With reference to the Competition Rules for IOF Foot Orienteering Events, the listed areas are out of bounds for all potential WUOC 2016 team members (competitors, team officials, coaches, doctors, escorts, etc.) and other persons who, through their knowledge of the terrain or the events, may influence the result of the competitions being held during WUOC 2016.

Spelt out in detail this means:

- no organised orienteering activities may take place in these areas.
- no training sessions, i.e. running/races, testing routes may take place in these areas.
- no-one with potential connection to a team (athletes or others) may visit the embargoed areas.

Offences must be reported to Száva ZSIGMOND at the WUOC2016 Office - e-mail: [office@wuoc2016.hu](mailto:office@wuoc2016.hu)

Copies of the most recent versions of the orienteering maps of the embargoed areas are published on the website of WUOC2016 ([www.wuoc2016.hu](http://www.wuoc2016.hu)).

Embargoed areas of WUOC 2016 and previous O-maps:

Nr.	Area	Previous O-maps (only latest editions)
1.	<a href="#">Lillafüred (Sprint)</a>	Bükk (2009) – 1:15.000
2.	<a href="#">Csanyik (Long Distance)</a>	Csanyik (1994) – 1:15.000 Miskolc-Zoo (2009) – 1:4.000 Miskolc-Csanyik (2009) – 1:4.000
3.	<a href="#">Downtown 1., 2. (Sprint Relay)</a>	Belváros (2009-2012) – 1:4.000
4.	<a href="#">Jávorkút (Middle Distance, Relay) - some areas now released</a>	Bükk (2009) – 1:15.000 Bánkút-Borovnyák (2009) – 1:15.000 Bükk-fennsík (2002) – 1:15.000 Jávorkút (1996) – 1:15.000
5.	Hospital- This area is no longer under embargo	no existing previous O-map

These areas are embargoed until the official results for their respective competition are confirmed.

Exceptions:

Area 3 will be open for participants on 31st July between 14:45 and 18:00. All buses that start after the Prize-Giving Ceremony for the Sprint competition will stop in the downtown area en route to the Event Centre. One can take a direct public bus (no. 20., bus stop "Centrum" - 48.102996, 20.789079 – goes every 20 minutes at :05, :25 and :45) from here back to the Event Centre.

Area 4 is embargoed until the end of the Relay competition. However, it is possible to run day 5 of Hungária Cup after the Middle Distance for competitors and team officials, who don't compete in the WUOC Middle Distance. In this competition, running off the competition map is considered as a violation of the embargoed area.

For all embargoed and training areas, see the overview map here: <https://www.google.com/maps/d/viewer?mid=1CIMkooC3cq6L5iZ22Hc8PTHhZHo>

## 20. MODEL EVENT AND PRE-COMPETITION TRAININGS

A relevant training (can be considered as a forest model event) will be held on 30<sup>th</sup> July 2016, between 09:00-13:00 in Csókás (48.124022, 20.585788). Transport can be ordered from the organiser by 29<sup>th</sup> July 2016 by e-mail or on site. The extra cost of this transport is 10 EUR per person. Maps are part of the accreditation package. Only control flags are available at the controls. This training is more relevant for Middle Distance and Relay (and not for Long Distance).

A Technical Model Event will be held close to the Event Centre on 30<sup>th</sup> July 2016, between 14:30-15:30. Start procedures and touch-free punching will be demonstrated.

Other training maps can be arranged with the WUOC 2016 Office at [office@wuoc2016.hu](mailto:office@wuoc2016.hu)

## 21. PUNCHING AND TIME-KEEPING SYSTEM



Punching system SportIdent Air+ will be used for all competitions. New SI-cards will be provided by the organiser. Each competitor must compete with his/her assigned SI-card. Team leaders will receive SI-cards in the Event Office during the registration. SI-cards must be returned to the organiser after the last competition, otherwise 100 EUR per lost SI-card will be claimed.

Timekeeping will be down to whole seconds in all competitions.

## 22. LIVE INTERNET SERVICES

Radio split times, GPS tracking of selected competitors, and speaker voice will be available online from the event website (<http://www.wuoc2016.hu>) free of charge.

The start of live services for each day (for individual competitions, this is the closing time of the quarantine): Sprint: 10:00; Long Distance: 10:20; Sprint Relay 16:45; Middle Distance: 10:20; Relay: 9:45.

## 23. SPECIAL SYMBOLS

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The special symbol of the lime burning place (represented with a round earth wall (see below)) has a country-specific marking in the control descriptions: a letter V in a circle (see below).

-  lime burning place (colour: brown)
-  control description of the lime burning place

Other special symbols:

-  brown x: charcoal burning place
-  green o: single tree
-  black o: remains of old power line pylon
-  black x (forest maps): remnants of a hunting object, salt lick, old ruined concrete objects, playground object (only on fields).
-  black x (sprint maps): various man-made objects

Last controls will in some cases be a black x, which will be an advertising object.

Please note that rootstocks, fallen trees (green x) will not be drawn on WUOC maps.

## 24. CONTROL DESCRIPTIONS

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Control descriptions are in accordance with the IOF rules (IOF Control descriptions 2004). Control descriptions will not be distributed in Team Official's Meetings.

Loose control descriptions will be handed out to runners at -2 minutes in the start proper (except for the relays, where there will be no loose control descriptions). Loose control descriptions have 6mm wide boxes. A typical loose control description is 60 mm wide and is (number of controls + 7) X 6 mm long.

Control descriptions are also always printed on the competition maps.

## 25. NUMBER BIBS

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All competitors must wear their number bibs at all competitions. Bibs for all races will be available in the quarantine / pre-start areas. These must be collected individually. The bibs must be worn on the chest. The bibs must be visible in their entirety – they must not be folded over or cut down. Safety pins will be provided.

## 26. CLOTHING

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There are no regulations applying to runners concerning the type of clothing they choose to wear but organisers suggest wearing long trousers for the Middle Distance and Relay events.

It is forbidden to use shoes with spikes in the Sprint and Sprint Relay competitions.

## 27. START PROCEDURE

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In the pre-start areas there will be drinking water, toilets, shelter for competitors and coaches. Quarantine starts already by boarding the shuttle buses to the start. Upon boarding the buses, each athlete and coach has to show his or her accreditation card and has to sign the quarantine entry form.

The use of mobile phones, computers or any other communication devices inside the quarantine zones is strictly forbidden – even in flight mode! It is not allowed to bring any maps of the competition areas into the quarantine zones. A warm-up map will be available at the pre-start for the Long Distance and Middle Distance events.

The list of selected competitors for GPS tracking will be available the evening before the competition. GPS vests (to be worn as underwear) will be offered in different sizes. The GPS unit is inserted into the pocket of the vest with the help of a start official at -3 minutes.

The competitor's start time is called up at the pre-start. It is the competitor's responsibility to watch out for his/her start time.

Units for clearing and checking SI-cards are situated at the entry to the start procedure of the individual competitions or at the entry to the changeover area of the relays. It is the competitors' responsibility to clear and check their SI-card correctly. The touch-free function on the SI-Card is activated by the check SI-unit (and can be verified by the slowly blinking green light at the tip of the card).

At all individual starts, the maps will be placed on a table. The competitor's map is placed face down on the start line. An official releases the competitor by taking his/her hand off the competitor's shoulder. The start triangle is marked in the terrain by a control flag. The route to this flag is marked with corridors or tapes. Competitors must follow this marked route to the start point.

## 28. LATE START

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Late competitors must report at the pre-start call-up. The competitor will be allowed to proceed through to the start line. If, on arrival at the start line, the competitor is less than half the start interval after his start time, he/she will be allowed to start immediately. If the competitor arrives more than half the start interval after his start time, he will have to wait until the half start interval after the next starter. In all cases of lateness caused by the competitor, their original start time will count for timing. If a competitor is late through the fault of the organiser, he or she will be timed with their real start time.

## 29. FINISH PROCEDURE

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Time will be measured in the moment of crossing the finish line. On crossing the finish line, athletes enter a restricted-access area for SI-card download and removal of GPS units and vests. Coaches are allowed in this area, and there are drinks available and access to first aid if needed. Athletes selected for doping testing will be met by their chaperones here.

Cool down is possible within the arena limits – see arena plans

## 30. ABANDONING THE RACE

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In case of abandoning the race, the competitor must immediately go to the finish area to read-out his/her SI-card.

## 31. SHUTTLE TRANSPORT

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- It is compulsory to use WUOC shuttle transport for all athletes and coaches heading to the pre-start areas.
- Athletes must use the buses assigned to them in accordance with the relevant transport schedule. The distribution is based upon start times.
- Athletes & coaches must show their accreditation cards upon boarding.
- Teams are allowed to organise their own transport to/from the arenas for non-competing team members. There is no free parking available near the Sprint and Sprint Relay arenas, you are expected to pay around 340 HUF/hour, using coins only. One should follow Hungária Cup signpostings.
- WUOC shuttle buses back to the Event Centre will depart when all seats are occupied. Earliest departure time is given in the transport schedules

## 32. NEW COMPETITION MAPS

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Maps will not be collected after crossing the finish line, except for the (forest) relay. In the name of fairness, competitors, team officials or spectators can't go back with these maps to the competition area, until the embargo lasts and should not give information to other competitors. New maps will be handed out at the Arena Info Desk at the following times:

- Sprint: 14:00
- Long Distance: 14:30
- Sprint Relay: 18:00
- Middle Distance: 14:15
- Relay: 14:00 – including competition maps

## 33. FAIRNESS

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- It is not allowed to use mobile phones, radios, computers or any other communication devices into the quarantine zone – not even in flight mode. Neither is it allowed to bring in previous orienteering maps of the competition area.
- It is allowed to use music players without any built-in connectivity. Inside the quarantine, athletes with headphones on might be randomly asked to display their players for checking.
- All tents inside the quarantine must stay open so that it is possible to have a look inside.
- It is strictly forbidden to bring any electronic devices (except for watches) to toilets or any other private room – no matter if the device is turned on or off.
- “During the competition the only navigational aids that competitors may use or carry are the map and control descriptions provided by the organiser, and a compass.” (IOF Foot-O Competition Rules 21.3). Using or carrying GPS watches for example is forbidden. GPS devices without a display are permitted.
- Coaching, i.e. handover of information, equipment, material, drinks etc. is only allowed in the delineated coaching zones (maximum two coaches per team). Handover of information regarding the remainder of the courses is strictly forbidden.
- Competitors and coaches are not allowed to visit the event finish arena before going to the start area. Team officials and non-competing runners are not allowed to enter the competition terrain before and during the competition.
- A competitor or team who breaks any rule, or who benefits from the breaking of any rule, may be disqualified.

## 34. ANTI-DOPING

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Doping is strictly forbidden, and the organisers of the WUOC2016 are dedicated to supporting the anti-doping authorities in their work. Doping controls may be carried out any time during the competition period.

Doping tests are always carried out in accordance with the procedures described in the WADA International Standard for Testing. Athletes who are selected for the doping tests must bring an official identification (with photo) to the doping test area.

The athlete should also bring along their therapeutic use exemption (TUE) if applicable. In general, it is advisable that the athletes bring along their ID to all the competitions and events.

## 35. COMPLAINTS AND PROTESTS

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Any complaint shall be made in written form and handed over at the Arena Info Desk as soon as possible. Complaints regarding the results shall be made no later than 15 minutes after the publication of the official results list.

A written protest can be made against the Organisers' decision about a complaint. Written protests shall be delivered personally to the WUOC Technical Director or one of the WUOC controllers.

## 36. PUBLIC EVENT – HUNGÁRIA CUP 2016

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A five-day public orienteering event will be organised during WUOC 2016. The same competition areas and maps will be used as for WUOC 2016. The programme of WUOC Tour Hungária Cup will enable participants to witness each and every WUOC medal decision.

Those accredited WUOC participants (competitors and team officials alike), who are not running a WUOC competition on a certain day, can participate in Hungária Cup on that day free of charge. More information available in section 18 (Start intervals, start draws, entries for each competition).

Programme:

- Day 1: Saturday, 30<sup>th</sup> July 10:00 – Middle Distance – Komlóstető
- Day 2: Sunday, 31<sup>st</sup> July 15:00 – Sprint – just after the WUOC Sprint competition, same competition area
- Day 3: Monday, 1<sup>st</sup> August 15:00 – Middle Distance – just after the WUOC Long Distance competition, same competition area
- Day 4: Tuesday, 2<sup>nd</sup> August 10:00 – Long Distance – WUOC Sprint Relay in downtown in the afternoon.
- Day 5: Wednesday, 3<sup>rd</sup> August 15:00 – Chasing start – just after the WUOC Middle Distance competition, same competition area
- (Thursday, 4<sup>th</sup> August – extra opportunity to run the WUOC Relay courses after the WUOC Relay – results don't count for WUOC Tour overall)

More information at <http://hungariakupajfutas.hu/index.php/en/2016>

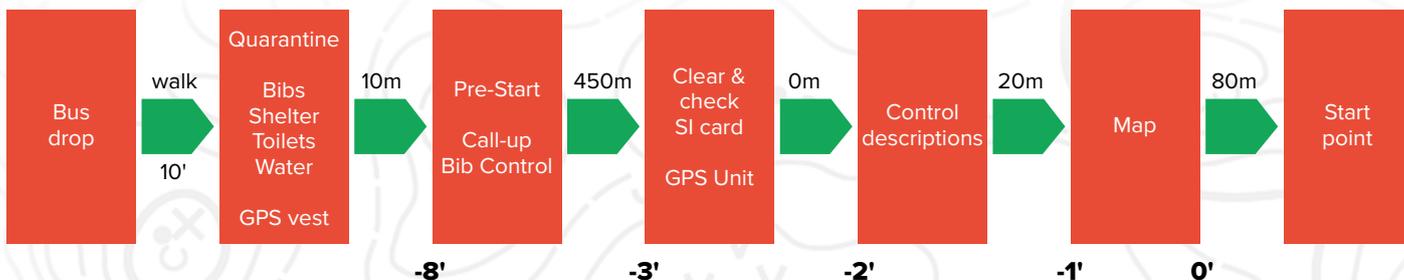


# SPECIAL INSTRUCTIONS FOR EACH COMPETITION

## 37. SPRINT

Date:	Sunday, 31 <sup>st</sup> July	
Arena location:	Lillafüred - N 48.103064, E 20.623418	
Land form:	Located between 250-320 m asl. Two generally flat areas connected by a steep hillside with hanging gardens	
Vegetation:	Parks, urban areas	
Runnability:	Excellent, apart from the climbing	
Visibility:	Excellent	
Paths and roads:	100% urban area	
Warm-up map:	No. Plenty of space to warm-up to the south and east of the quarantine. It's forbidden to go north and west of the quarantine.	
Shoes:	It is forbidden to use shoes with spikes	
Map:	1:4.000, contour interval 2,5m, ISSOM 2007, size: 315x225 mm	
Map maker:	János SÜMEGI	
Course planner:	Száva ZSIGMOND	
Out of bounds and forbidden areas:	There are several out of bounds areas on the map. In cases which these are not 100% obvious in the terrain, they are taped with red and white tapes. This will also be demonstrated in the Technical Model Event.	
Map change:	There is a map change at some point in the course. The map change is at a control. The two maps are printed on the same side of the paper – see example below. The second course starts with a start triangle and the numbering of controls continues after the map change.	
Own tents in pre-start:	Possible to set up.	
Own tents in finish arena:	Not possible to set up.	
<b>Courses</b>	<b>Women</b>	<b>Men</b>
First start:	10:00	11:45
Course length:	3,3 km (shortest feasible route)	3,6 km (shortest feasible route)
Climb:	115 m	120 m
Number of controls:	21	23
Number of refreshment controls:	0	0
Estimated winning time:	15 mins	14 mins
Maximum running time:	30 mins	30 mins
Start interval:	1 min	1 min
<b>Transport</b>		
Event Centre – Bus-drop:	30 mins	
Bus-drop – Pre-start:	10 mins walk – follow blue and white tapes	
Bus-drop – Finish Arena (by bus):	3 mins – see arena plan	
Pre-start – Finish Arena:	Long walk (for coaches). Follow blue and white stripes.	
Bus #1 to start:	8:10 – start: 10:01-10:23. Standing for coaches is permitted.	
Bus #2 to start:	8:35 – start: 10:24-10:46. Standing for coaches is permitted.	
Bus #3 to start:	8:55 – start: 10:47-11:10. Standing for coaches is permitted.	
Bus #4 to start:	9:15 – start: 11:11-11:40. Standing for coaches is permitted.	
Bus #5 to finish:	9:25 – non-competing athletes + team officials to finish	
Bus #6 to finish:	9:25 – non-competing athletes + team officials to finish	
Bus #7 to start:	9:50 – start: 11:46-12:22. Standing for coaches is permitted.	
Bus #8-9-10 to start:	10:00 – start: 12:23-13:45. Standing for coaches is permitted.	
Bus #1-#8 back from the Arena:	14:20 – after prize-giving ceremony – only these buses stop at Downtown – sprint relay embargo!	
Bus #9-#10 back from the Arena:	16:00 – after spectator race	
Note:	Lillafüred is also served by free public transport. If the above mentioned schedules don't suit you, ask the Event Office for assistance with public transport!	

**Start procedure:**



**Arena:**



Map change:

**Lillafüred** 1:4.000 / 2,5m

**Part 1**

**Part 2**

WUOC 2016 - Sprint	
Men	1,6 km
▶	
1	31
2	32
3	33
4	34
5	35
6	36
7	37
▶	
8	38
9	39
○	120 m →
10	40
11	41
12	42
○	90 m →

**Special symbols**

- single tree
- × playground object

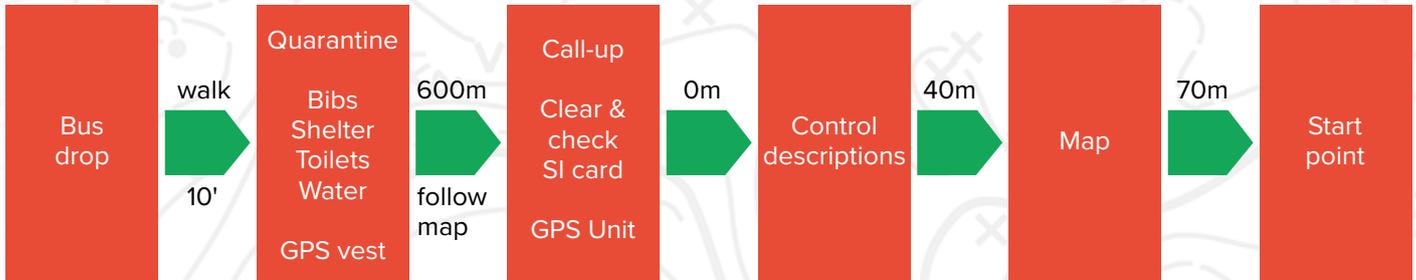
Cartography: Janos SÜMEGI  
 Stand: July 2016  
 HOF Edition: POC, K-1617/A-2016  
 Publisher: Diákgyógy Társaság és Futo Club  
 Contact: info@diakgyogy.hu

## 38. LONG DISTANCE

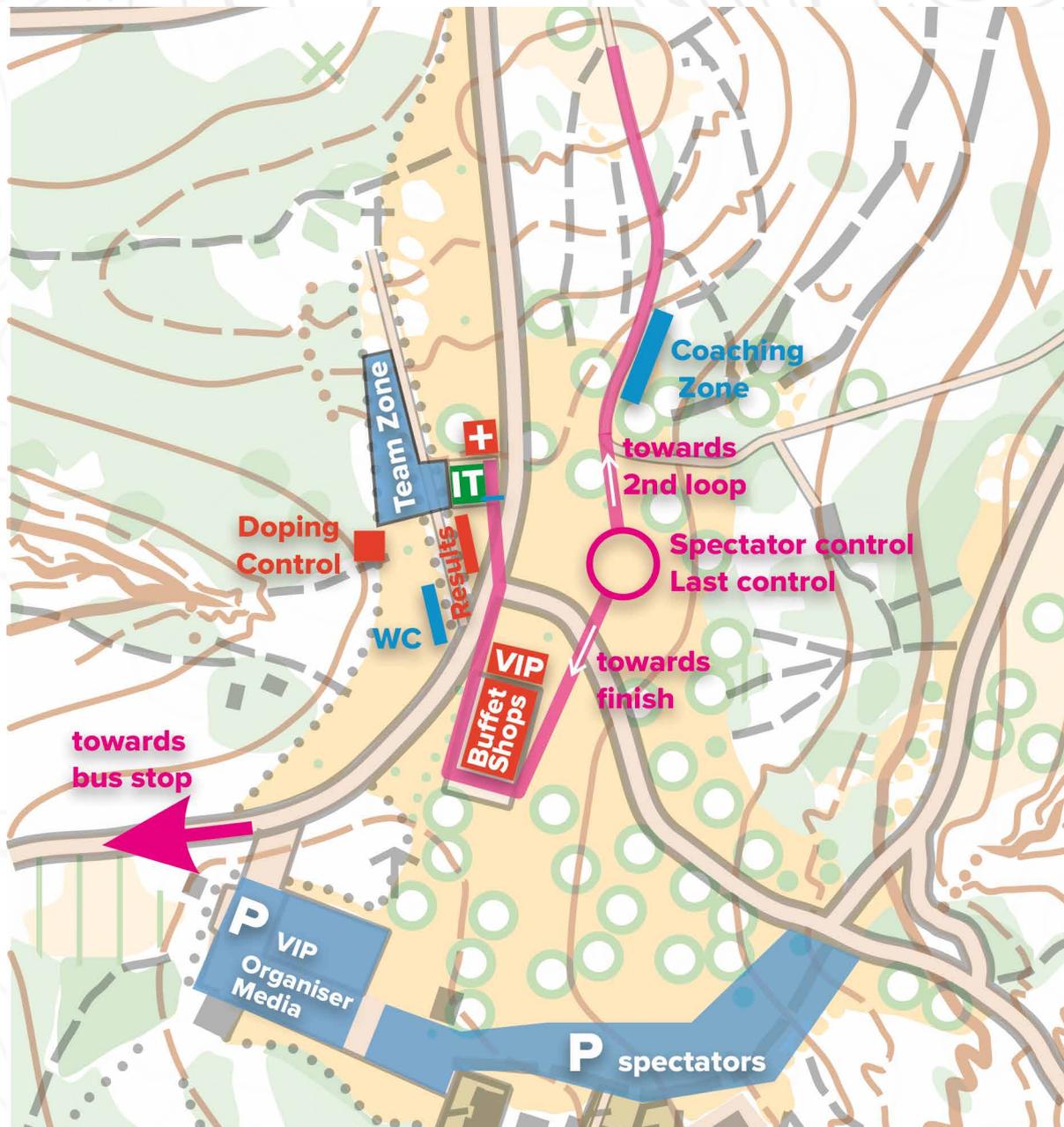
Date:	Monday, 1st August	
Arena location:	Miskolc-Királyasztal - N 48.121627, E 20.656542	
Land form:	Located 220-370 ms asl. Rather big land forms. Moderately steep to steep hills up to 100 ms height. Some areas with erosion features. Only one small area with stones.	
Vegetation:	Mostly forested (95% beech forest) area. Some green parts, which are mainly OK to run through. Some cuttings. Undergrowth in places. Dry underfoot.	
Runnability:	Ranging from very good to difficult. Mostly very good.	
Visibility:	Ranging from very good to limited. Mostly very good.	
Paths and roads:	Developed network of paths and forest roads	
Warm-up map:	Yes, part with clean forest is relevant	
Map:	1:15.000, contour interval 5m, ISOM 2000, size: 315X225 mm	
Map maker:	János SÜMEGI	
Course planner:	Gábor DOMONYIK	
Forking:	There is forking in both courses. Competitors will get maps and control descriptions according to their start numbers.	
Arena passage, coaching zone, map change:	There is an arena passage at 56-59% of the courses. Competitors punch the common spectator/last control and continue running RIGHT, following a 300 meter marked route. At the beginning of this marked route, there is a coaching zone. At the end of the marked route, there is a map change. It's the competitor's responsibility to pick the right map. There is a further 80 meter compulsory marked route to the new map start. The numbering of controls continues after the map change.	
Refreshment controls:	Water in white cups and isotonic drink in green cups will be available. It's possible to test the isotonic drink during the Technical Model Event. Own refreshments can be sent to the refreshment controls, stating the competitors start number and the number of the refreshment control (W1, W2, M1, M2 or M3). Please note that refreshment stations W2 and M2 are in the arena passage, so the coaches can also pass them over. Own refreshments can be left in the Event Office between 08:00 and 08:30 on Monday morning.	
Own tents in pre-start:	Possible to set up.	
Own tents in finish arena:	Possible to set up.	
<b>Courses</b>	<b>Women</b>	<b>Men</b>
First start:	10:02	9:31
Course length:	9,8 km	13,8 km
Climb:	420 m	655 m
Number of controls:	20	23
Number of refreshment controls:	30%, 59%	33%, 56%, 77%
Estimated winning time:	65 mins	82 mins
Maximum running time:	180 mins	180 mins
Start interval:	2 mins	2 mins
<b>Transport</b>		
Event Centre – Bus-drop:	30 mins	
Bus-drop – Pre-start:	10 mins walk – follow blue and white tapes to start	
Bus-drop – Finish Arena:	10 mins walk – follow blue and white tapes to finish	
Pre-start – Finish Arena:	10 mins walk – follow blue and white tapes to finish	
Bus #1 to start:	7:40 – start: 9:31-10:06. Standing for coaches is permitted.	
Bus #2 to start:	8:10 – start: 10:07-10:27. Standing for coaches is permitted.	
Bus #3 to start:	8:40 – start: 10:28-10:48. Standing for coaches is permitted.	
Bus #4 to start:	9:00 – start: 10:49-11:09. Standing for coaches is permitted.	
Bus #5 to start:	9:20 – start: 11:10-11:36. Standing for coaches is permitted.	
Bus #6 to start:	9:30 – Non-competing athletes and coaches to finish.	
Bus #7 to start:	9:40 – start: 11:37-12:03. Standing for coaches is permitted.	
Bus #8 to start:	10:10 – start: 12:04-12:30. Standing for coaches is permitted.	
Bus #9 to start:	10:20 – start: 12:31-13:00. Standing for coaches is permitted.	

Bus #10 to start:	10:30 – Non-competing athletes and coaches to finish.
Important – finish bus stop:	Buses after the competition leave 800 meters from the arena. Follow the blue-and white stripes towards the start of Hungária Cup until it crosses the small railroad. The bus stop is the same where you disembarked to the start.
Bus #1-#8 back from the bus-drop:	15:00 – after flower ceremony
Bus #9-#10 back from the bus-drop:	16:45 – after spectator race
Note:	Csanyik is also served by free public transport. If the above mentioned schedules don't suit you, ask the Event Office for assistance with public transport!

**Start procedure:**



**Arena:**



## 39. SPRINT RELAY

Date:	Tuesday, 2 <sup>nd</sup> August	
Arena location:	Miskolc Downtown - N 48.103378, E20.778050	
Land form:	Flat urban area between 125-135 ms asl.	
Vegetation:	Urban area with a few small parks	
Runnability:	Excellent	
Visibility:	Excellent	
Paths and roads:	100% urban area	
Warm-up map:	No. Warm-up is possible inside the area closed by fence (150 X 50 m)	
Shoes:	It is forbidden to use shoes with spikes	
Map:	1:4.000, contour interval 2,5m, ISSOM 2007, size: 290x210 mm	
Map maker:	János SÜMEGI	
Course planner:	András SZABÓ	
Out of bounds and forbidden areas:	There are several out of bounds areas on the map. In cases which these are not 100% obvious in the terrain, they are taped with red and white tapes. This will also be demonstrated in the Technical Model Event.	
Passing inside houses:	In some cases, it might not be totally obvious whether it's possible to pass through a house (through a corridor). These borderline cases will also be taped.	
Own tents in pre-start:	Not possible to set up.	
Own tents in finish arena:	Not possible to set up.	
Change-over:	All runners from one leg will be guided from the quarantine area to the change-over area some minutes before their change-over. Packs go at 16:50 (leg 1), 17:05 (leg 2), 17:20 (leg 3), 17:35 (leg 4). From there, you will see your previous runner punching the spectator control and you will be able to enter the change-over area as soon as your previous runner has punched the spectator/last control (4-7 minutes later). No communication allowed between runners at the change-over area and runners/coaches in the finish. In the change-over area, there is an emergency toilet and water. The change-over is done after crossing the finish line by hand touch across a separation barrier. The outgoing runner is allowed to open the map immediately after the change-over. Coaches are not allowed in the change-over area.	
Maps for leg 2, 3 and 4:	The maps for leg 2, 3 and 4 are rolled and closed with a rubber band. In the change-over area, all runners are responsible to take the right map from the map wall themselves. They will keep the rolled map in their hand until they can start. They can't leave the change-over area once they picked up their maps. They are not allowed to take away the rubber band before they got the hand touch from the previous runner and they are not allowed to look into the roll. The maps are marked with the team number and the leg number (for example team 23: 23 <b>1</b> , 23 <b>2</b> , 23 <b>3</b> , 23 <b>4</b> ).	
<b>Courses</b>	<b>Women (leg 1, 4)</b>	<b>Men (leg 2, 3)</b>
First start:	17:00	
Course length:	3,5 km (shortest feasible route)	4,1 km (shortest feasible route)
Climb:	10 m	10 m
Number of controls:	16	19
Number of refreshment controls:	0	0
Estimated winning time:	15 mins / leg (60 minutes total)	15 mins / leg (60 minutes total)
Maximum running time:	30 mins / leg (90 minutes total)	30 mins / leg (90 minutes total)
<b>Transport</b>		
Event Centre – Bus-drop:	15 mins	
Bus-drop – Pre-start:	3 mins walk – follow blue and white stripes	
Bus-drop – Finish Arena (by bus):	2 mins – see arena plan	
Pre-start – Finish Arena:	3 mins walk (for coaches). Follow runners.	
Bus #1-2-3 to start:	15:20 – all 1st and 2nd leg runners + coaches to start. Standing for coaches is permitted.	
Bus #4-5 to start:	15:50 – all 3rd and 4th leg runners. Standing for coaches is permitted.	
Bus #6-7-8-9-10 to finish:	16:05 – non-competing athletes + coaches to finish. Standing is permitted on the buses.	
Bus #1-#8 back from the Arena:	18:45 – after the prize-giving ceremonies	
Bus #9-#10 back from the Arena:	19:45 – after the Mayor's reception	
Note:	Miskolc-Downtown is also served by free public transport. If the above mentioned schedules don't suit you, ask the Office for assistance with public transport!	

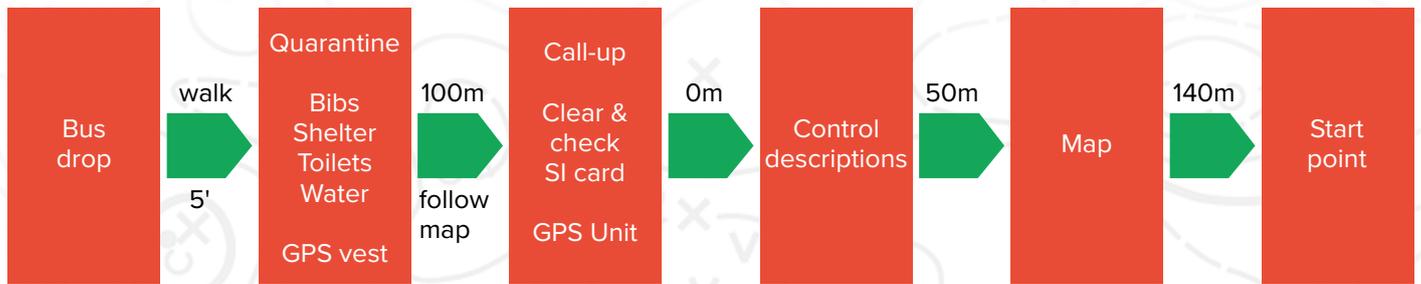
Arena:



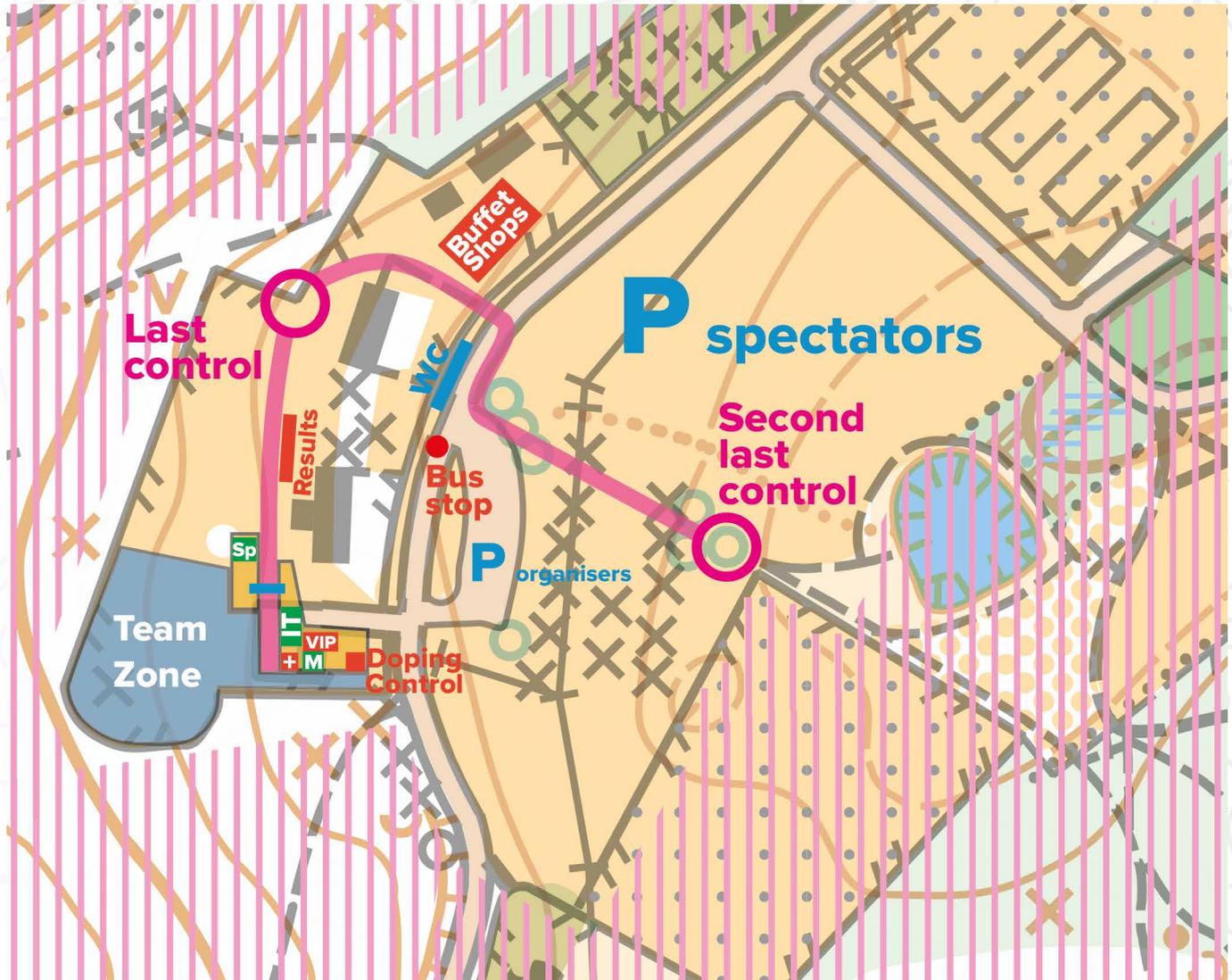
## 40. MIDDLE DISTANCE

Date:	Wednesday, 3 <sup>rd</sup> August	
Arena location:	Jávorkút – N 48.097124, E 20.525562	
Land form:	Located 675-835 ms asl. Moderately steep to steep hills up to 70 ms height. Several negative land forms. Many point features (lime burning places, charcoal burning places, pits, knolls). Many stones, rocky areas.	
Vegetation:	Mixed beech and pine forest, with some felled areas with scattered vegetation. Some undergrowth (high grass, nettles) in places. No blackberry. Some branches on the ground. Dry underfoot.	
Runnability:	Ranging from good to very difficult	
Visibility:	Ranging from very good (beech forests) to very limited (young pines)	
Paths and roads:	Developed network of paths and forest roads	
Warm-up map:	Yes, very relevant	
Map:	1:10.000, contour interval 5m, ISOM 2000, size: 315X225 mm	
Map maker:	János SÓTÉR	
Course planner:	Zsolt LENKEI	
Own tents in pre-start:	Possible to set up.	
Own tents in finish arena:	Possible to set up.	
<b>Courses</b>	<b>Women</b>	<b>Men</b>
First start:	10:02	10:01
Course length:	4,4 km	5,6 km
Climb:	130 m	205 m
Number of controls:	18	23
Number of refreshment controls:	43%. Only water. No own refreshments.	55%. Only water. No own refreshments.
Estimated winning time:	32 mins	34 mins
Maximum running time:	90 mins	90 mins
Start interval:	2 mins	2 mins
<b>Transport</b>		
Event Centre – Bus-drop:	65 mins	
Bus-drop – Pre-start:	5 mins walk – follow blue and white stripes	
Bus-drop – Finish Arena:	2 mins walk – behind the house	
Pre-start – Finish Arena:	use clothes' transport car	
Bus #1 to start:	7:40 – start: 10:01-10:24. Everyone seated.	
Bus #2 to start:	8:00 – start: 10:25-10:54. Everyone seated.	
Bus #3 to start:	8:30 – start: 10:55-11:29. Everyone seated.	
Bus #4 to start:	9:10 – start: 11:30-12:06. Everyone seated.	
Bus #5 to finish:	9:20 – Non-competing athletes and coaches to finish.	
Bus #6 to start:	9:40 – start: 12:07-12:46. Everyone seated.	
Bus #7 to finish:	10:10 – Non-competing athletes and coaches to finish.	
Bus #8 to start:	10:20 – start: 12:47-14:00. Everyone seated.	
Bus #1-6 back from the Arena:	15:00 – after flower ceremony	
Bus #7-8 back from the Arena:	16:40 – after spectator race	
Note:	Jávorkút is not served by public transport!	

**Start procedure:**



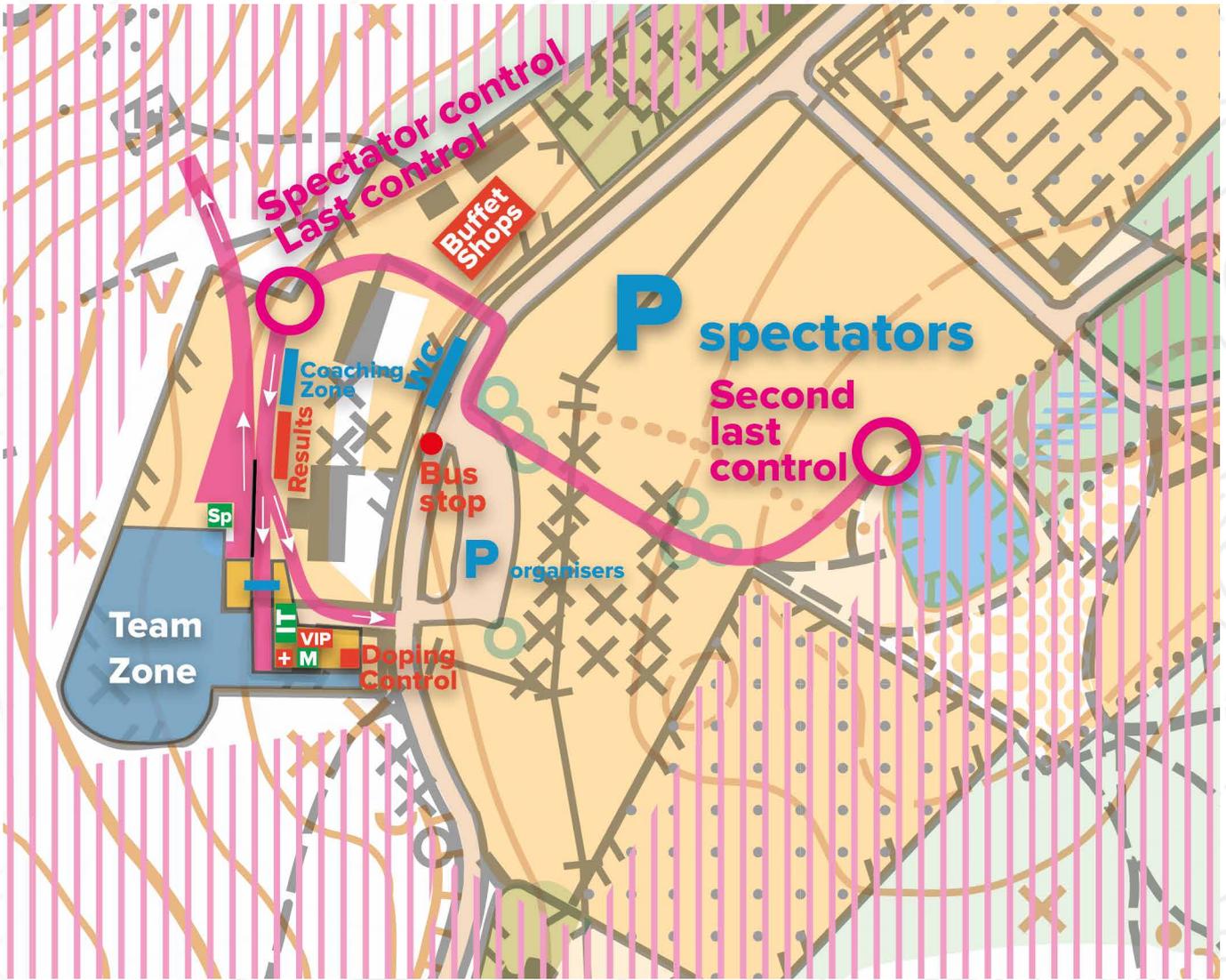
**Arena:**



## 41. RELAY

Date:	Thursday, 4 <sup>th</sup> August		
Arena location:	Jávorkút – N 48.097124, E 20.525562		
Land form:	Located 650-750 ms asl. Moderately steep to steep hills up to 100 ms height. Abundance of negative land forms. Many point features (lime burning places, charcoal burning places, pits, knolls). Some stones, rocky areas.		
Vegetation:	Mixed beech and pine forest, with some felled areas with scattered vegetation. Some undergrowth (high grass, nettles) in places. No blackberry. Some branches on the ground. Dry underfoot.		
Runnability:	Ranging from good to very difficult		
Visibility:	Ranging from very good (beech forests) to very limited (young pines)		
Paths and roads:	Developed network of paths and forest roads		
Warm-up map:	No. Warm-up is possible inside the arena proper (fields with cut grass)		
Map:	1:10.000, contour interval 5m, ISOM 2000, size: 290x210 mm		
Map maker:	János SÓTÉR		
Course planner:	János SÜMEGI		
Own tents in pre-start: and finish arena:	Possible to set up.		
Change-over:	There is an arena passage at 2/3 of the courses. Some minutes before their change-over, runners can go to the change-over area. There is a clear and check box when entering the change-over area. Once a runner entered the change-over area, he/she cannot come out. The change-over area is rather small, with no services available. The change-over is done before crossing the finish line by hand touch across a separation barrier. The outgoing runner is allowed to open the map immediately after the change-over. Coaches are not allowed in the change-over area.		
Maps for leg 2 and 3:	The maps for leg 2 and 3 are rolled and closed with a rubber band. In the change-over area, all runners are responsible to take the right map from the map wall themselves. They will keep the rolled map in their hand until they can start. They can't leave the change-over area once they picked up their maps. They are not allowed to take away the rubber band before they got the hand touch from the previous runner and they are not allowed to look into the roll. The maps are marked with the team number and the leg number (for example team 16: 16 <b>A</b> , 16 <b>B</b> , 16 <b>C</b> ).		
	<b>Courses</b>	<b>Women</b>	<b>Men</b>
First start:		10:00	11:30
Course length:		5,2 km (leg 1, 2); 5,5 km (leg 3)	6,1 km (all legs)
Climb:		190 m (leg 1, 2); 210 m (leg 3)	260 m (all legs)
Number of controls:		19 (leg 1, 2); 20 (leg 3)	22 (all legs)
Coaching zone, refreshment control:	In the arena passage, at 2/3 of the courses. Max. 2 coaches / team. Organiser provides only water. Own refreshment possible.		
Estimated winning time:		35-38 mins / leg, 110 mins total	35 mins / leg, 105 mins total
Maximum running time:		60 mins / leg	60 mins / leg
	<b>Transport</b>		
Event Centre – Bus-drop:	55 mins		
Bus-drop – Finish Arena:	2 mins walk – behind the house		
Bus #1 to finish:	7:45 – women's 1 <sup>st</sup> leg runners + their coaches. Everyone seated.		
Bus #2 to finish:	8:10 – women's 2 <sup>nd</sup> leg runners + some coaches. Everyone seated.		
Bus #3-4-5-6-7 to finish:	8:35 – everyone else to finish. Everyone seated.		
Buses back from the Arena:	15:00 - 16:30		
Note:	Jávorkút is not served by public transport!		

Arena with passage:



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