



**ORIENTEERING
2016**

**Miskolc
Hungary**

**FISU World University
Championship**



World University Championship

30 July - 4 August 2016, Miskolc



Tamas TÖLGYESI, University of Miskolc - Photo: Zsófia BALOGH



BULLETIN 2



1. Miskolc

"The city where nature and man created several miracles"

Miskolc is the fourth-largest city in Hungary by population and is the administrative, economic, educational and scientific centre of the region of Northern Hungary as well as the administrative seat of Borsod-Abaúj-Zemplén County. It has around 170.000 inhabitants.

The thousands of years of history, culture and natural potential of the city reveal a number of unique values, which find their way into the everyday lives of those who live in or visit Miskolc. Miskolc has charted a new course of development over the past few years: welcoming investors and visitors with its dynamically developing economy, new sectors of industry, renewing city centre and rich cultural and tourist opportunities.

The former industrial town, which has the longest main street in Europe, is situated at the foot of the picturesque Bükk Mountains, where the mountains of historic Hungary become gently rolling hills and give way to the rivers Sajó and Hernád, which connect the Great Plains to the highlands. Thus Miskolc is situated on the border between the plains and the mountains.

Miskolc is endowed with a wonderful natural environment. The border of the Bükk National Park runs through the city. This area is uniquely rich in stalactite and travertine caves and plateaus; its fauna and flora are colourful and diverse. The health-giving Cave Bath of Miskolc-Tapolca is famous all over the world. In beautiful Lillafüred, Hotel Palota and its mirror, Lake Hámor and a romantic waterfall await their guests and the world's best university sprint orienteers.

The city of Miskolc lies 180 kilometres east of Budapest. The two cities are connected with a motorway that runs directly from Budapest International Airport. Debrecen International Airport is situated 90 kms from Miskolc and there is also a direct motorway link to Miskolc.

2. University of Miskolc

The campus of the University of Miskolc 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 14.000 students and 2.000 lecturers of one of the region's most significant universities.

The high quality of education at our university is demonstrated not only by the number of professional awards received, but also by the continuously increasing number of students that choose the University of Miskolc when pursuing higher education.

The development plan of the University of Miskolc, current until 2020, covers the fields of university structure, innovation and service. The most important tasks are drafted in the spirit of the slogan "Knowledge builds universities, universities build the future".

3. Organisers

On behalf of the International University Sports Federation (fisu.net), the 20th World University Orienteering Championships 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: Dr. Csaba DEÁK, Chancellor of the University of Miskolc
- Co-President: Prof. Dr. Ádám KISS, President of the Hungarian University Sports Federation
- Co-President: Miklós JUHÁSZ, President of Hungarian Orienteering Federation
- Members:
 - Dr. Tamás FREYER, Vice President of the Hungarian University Sports Federation
 - Dr. Lóránt KÉPES, Representative of Miskolc Municipality
 - Miklós ILLYÉS, Manager of Miskolc Sports Center Ltd.
 - András MAKAI, President of Diósgyőr Orienteering Club
 - Zoltán RAKACZKI, President of the Miskolc University Sports Club
 - Áron LESS, Secretary of the Hungarian Orienteering Federation
 - Péter BODA, Director of University of Miskolc Sports Center
 - Zsolt GERZSÉNYI, Representative of Diósgyőr Orienteering Club
 - György KOVÁCS, Representative of the Hungarian University Sports Federation

Operative Committee:

- General secretary, pr, marketing and protocol: Zoltán RAKACZKI
- Deputy general secretary, technical director: Áron LESS
- Operational manager: Péter BODA
- Event Director: Zsolt GERZSÉNYI
- Chief Adviser: György KOVÁCS
- Accommodation and Catering: Eszter MOLNÁR
- Logistics: Tamás KÁSA
- Transport: Zsófia VERES
- IT and Timekeeping: Balázs KOVÁCS
- Media and Communications: István SZÜCS
- Medical matters: Dr. Éva BODNÁR
- Additional Programme: Dr. Lóránt KÉPES
- Event Office, accreditation: Száva ZSIGMOND
- Volunteers: Szilárd BENE

Course Setters:

- Sprint: Száva ZSIGMOND
- Long: Gábor DOMONYIK
- Sprint Relay: András SZABÓ
- Middle: Zsolt LENKEI
- Relay: János SÜMEGI

Event Controllers:

- FISU Technical Delegate: Ola KÅBERG (SWE)
- IOF Event Adviser: Jozef POLLÁK (SVK)
- IOF Assistant Event Adviser: Michal KRAJČÍK (SVK)
- National Controller: Zoltán MIHÁCZI (HUN)

4. Programme

Date	Morning	Afternoon/Evening
Thu 28 th July		Arrival, training
Fri 29 th July	Arrival, training	Arrival, training
Sat 30 th July	Registration deadline, training Hungária Cup Day 1 Middle	WUOC Opening Ceremony
Sun 31 th July	WUOC Sprint	Hungária Cup Day 2 Sprint
Mon 1 st August	WUOC Long Distance	Hungária Cup Day 3 Middle
Tue 2 nd August	Hungária Cup Day 4 Long	WUOC Sprint Mixed Relay
Wed 3 rd August	WUOC Middle	Hungária Cup Day 5 Chasing Start
Thu 4 th August	WUOC Relay, Closing Ceremony	WUOC Banquet
Fri 5 th August	Departure	

5. 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).

6. Anti-Doping

All competitors will follow FISU Anti-Doping Regulations and the [International Orienteering Federation \(IOF\) Anti-Doping Rules](#).

7. Participants

Participant of WUOC 2016

- 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 1st, 2016 (date of birth must be between January 1st, 1988 and December 31st, 1998);
- must have a full passport-holding citizenship of the country they represent.

Each country may enter a maximum of seventeen (17) persons of which twelve (12) competitors with maximum of six (6) male and six (6) female and five (5) officials.

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 distance:** 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;
- **Mixed relay:** one (1) team of two (2) female runners and two (2) male runners.

8. Entry Fees

The participation fee will be applied in accordance with FISU Regulations - currently 70 Euro per person per day (night). The FISU fee is 20 Euro per person.

Bank details:

- Account holder: MEAFC, 3515 Miskolc – Egyetemváros, Hungary
- International Bank Account Number (IBAN): HU94 18203064 06016066 40010105
- Bank: FHB Zrt., Üllői út 48., 1082 Budapest, Hungary
- Int. Bank Code (BIC) / SWIFT Code: FHKBUHUB
- Reference: WUOC 2016 Entry Fee [+ Country's three letter code]

Please note that the sender is responsible for all bank fees and charges. Entries and other services (accommodation, catering and transport) will not be confirmed until the organiser receives full payment.

9. Entry Procedure

Please note that all entries must be sent in through the FISU Online Accreditation System:

- <https://accreditation.fisu.net/Pages/WUC.aspx>

Please, be aware the above mentioned deadlines:

- General Entries: deadline is 30th January, 2016
- Quantitative Entries: deadline is 30th April, 2016
- Individual Entries: deadline is 30th June, 2016

10. Entry Permits to Hungary

From December 21, 2007 Hungary is a member of the Schengen Area, and applies the Schengen legislation in full. Significant changes subsequent to Hungary's Schengen-membership are that

- visas and residence permits issued by one of the Schengen States are valid also for Hungary,
- visas issued by Hungarian representations abroad and residence permits issued by Hungarian national authorities are also valid for the entire Schengen Area.

Please note that the latest amendment of the Article 5 (1) (a) of the Schengen Borders Code (entered into force on 19 July 2013) introduces new criteria for travel documents of third-country nationals entitling to cross the borders:

- the validity of the travel document shall last until at least three months after the intended date of departure from the territory of the Member States. In a justified case of emergency, this obligation may be waived;
- the travel document shall have been issued within the previous 10 years.

Please check the list of countries, which citizens may travel to Hungary without visa: konzuliszolgalat.kormany.hu/en and Visa Waiver Agreements (konzuliszolgalat.kormany.hu/visa-waiver-agreements)

Visas have to be applied for at your nearest Hungarian Embassy. Please note that conditions of entry to Hungary can change and all WUOC 2016 participants are advised to keep abreast of the current situation by consulting their local Hungarian Embassy.

11. Embargoed 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 leaders, 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 WUOC 2016 Office - e-mail: office@wuoc2016.hu

Copies of the most recent versions of the orienteering maps of the embargoed areas are published on the website of WUOC 2016.

Embargoed areas of WUOC 2016 and previous O-maps:

Nr.	Area	Previous O-maps (only latest editions)
1.	Lillafüred (sprint distance)	Bükk (2009) – 1:15.000
2.	Csanyik (long distance)	Csanyik (1994) – 1:15.000 Miskolc-Zoo (2009) – 1:4.000 Miskolc-Csanyik (2009) – 1:4.000
3.	Downtown 1., 2. (sprint relay)	Belváros (2009-2012) – 1:4.000
4.	Jávorkút (middle distance, relay, reserve area for forest race)	Bükk (2009) – 1:15.000 Bánkút-Borovnyák (2009) – 1:15.000 Bükk-fennsík (2002) – 1:15.000 Jávorkút (1996) – 1:15.000
5.	Hospital (sprint distance reserve)	no existing previous O-map

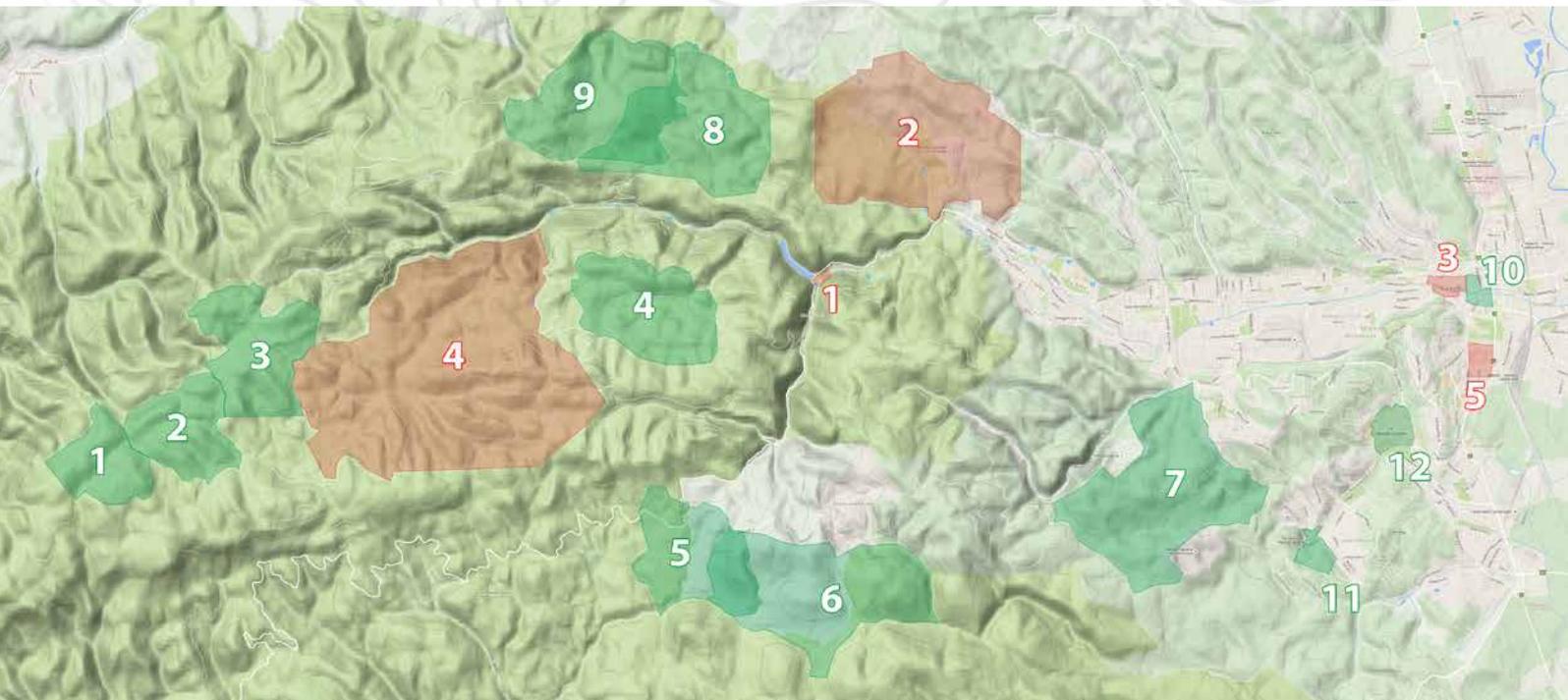
There will be a specific time window on the Opening Ceremony day, when area 3 will be open for participants. More information will be available in later bulletins.

It is allowed for all potential participants and coaches from WUOC 2016 to take part in the following running events:

- Tortúra 65/30/12 – 19th December 2015
- Szarvasűzők – 9th April 2016

In these events, runners have to stay strictly on the marked route, also for warm-up and cool-down running.

12. Competition Areas & Training Areas (refer to sections 11 & 18)



13. Map Details and Preliminary Courses

Competition	Map Scale	Contour interval	Preliminary Course Length/Winning time	
			Women	Men
Sprint	1:4.000	2,5 m	2,5 km / 14 mins	3,0 km / 14 mins
Long Distance	1:15.000	5 m	9,0 km / 65 mins	13,0 km / 80 mins
Sprint Mixed Relay	1:4.000	2,5 m	3,0 km / 14 mins	3,5 km / 14 mins
Middle Distance	1:10.000	5 m	4,0 km / 30 mins	5,0 km / 30 mins
Relay	1:10.000	5 m	5,0 km / 35 mins	6,0 km / 35 mins

Maps are drawn according to the International Specification for Orienteering Maps (ISOM2000) and the International Specification for Sprint Orienteering Maps (ISSOM2007).

14. Peculiarities

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



lime burning place control description

15. Terrain Descriptions

WUOC 2016 Sprint	
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

WUOC 2016 Long	
Land form	Located 200-400 ms asl. Rather big land forms. Moderately steep to steep hills up to 100 ms height. Some areas with erosion features. Some stones, rocky areas.
Vegetation	Mostly forested (mainly beech forest) area. Some green parts, which are mainly easy to run through. Undergrowth in places. Dry underfoot.
Runnability	Ranging from very good to difficult.
Visibility	Ranging from very good to limited.
Paths and roads	Developed network of paths and forest roads.

WUOC 2016 Sprint Mixed Relay	
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

WUOC 2016 Middle and Relay	
Land form	Located 600-875 ms asl. Moderately steep to steep hills up to 60 ms height. Several negative land forms. Many point features (lime burning places, charcoal burning places, pits, knolls). Many stones, rocky areas.
Vegetation	90% forested (mixed beech and pine forest), 10% open area with scattered vegetation. Some undergrowth in places. Dry underfoot.
Runnability	Ranging from very good to very difficult.
Visibility	Ranging from very good to very limited.
Paths and roads	Developed network of paths and forest roads.

16. Punching and Time-keeping System

SPORTident punching will be used on all events. SPORTident Air+ (TouchFree punching) is planned for the Sprint Mixed Relay.

17. Clothing

There are no regulations applying to runners concerning the type of clothing they choose to wear but organisers recommend to use long trousers for the forest events.

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

18. Training Opportunities and Training Maps

For all training in Bükk National Park, permission has to be obtained from the authorities. Organising a training without this permission is not allowed. All contact with authorities must be made through Ms. Száva Zsigmond at least 3 weeks before the planned trainings. E-mail: office@wuoc2016.hu

Maps can be purchased laser-printed. It is also possible to order the maps through e-mail in JPEG/GIF format. The map files can therefore be used for course planning, and maps with courses can then be printed. Maps can also be bought in OCAD 9/10 format, but an amount has to be paid after each training session held on the map.

The following areas, also indicated on the embargoed areas map, have been designated as official training areas for teams participating in WUOC 2016. The maps are surveyed and partially drawn between 2009 and 2015 by the WUOC map-makers.

Training Areas of WUOC 2016 :

Nr.	Area/Relevant	Previous O-map (latest edition)
1.	Olasz-kapu (middle / relay)	2012
2.	Huta-bérc (middle / relay)	2012
3.	Bánkút (middle / relay)	2012
4.	Létrás (middle / relay)	2009
5.	Hollóstető (middle / relay)	2009
6.	Lófő-tisztás (middle / long)	2014
7.	Nagy-kőmázsa (long)	2014
8.	Csókás (middle / long)	2015
9.	Válint-kereszt (middle / long)	2015
10.	Downtown East (sprints)	2012
11.	Tapolca (sprints)	2014
12.	Miskolci Egyetem (sprints)	2016 – available after 23 April 2016

In all the training forests, a number of areas have been designated as out of bounds. It is very important that these areas are respected and kept clear of all training. The areas are marked on the maps.

All controls set out in the training areas must be labelled with the name of the group and the dates when the controls are put out and will be removed.

Prices:

Laser printed maps, per copy	3 EUR
Laser printed maps with controls, per copy	5 EUR
Map files in JPEG / GIF format, per map	100 EUR

All enquiries about training opportunities should be addressed to:

Ms. Száva ZSIGMOND - e-mail: office@wuoc2016.hu

Please also have an eye on the website wuoc2016.hu for updated information about the training arrangements, facilities and maps.

Recommended O-events for WUOC 2016:

23 April 2016	Hungarian University Championships in sprint (area 12)
23 April 2016	Hungarian University Championships in relay (area 12)
24 April 2016	Hungarian University Championships in long distance (area 8/9)
1-3 July 2016	Hungarian WOC & WUOC Selection races in WUOC training areas
21-24 July 2016	Slovak Karst Cup

19. Event Centre

For WUOC 2016 our aim is to create an Olympic village atmosphere in the University Campus in Miskolc. With fast and direct bus services, the centre of Miskolc - 5 kms away - can be reached in a short time.

The official Event Centre of WUOC 2016 will be in the [Uni-Hotel](#), in the Campus of the University of Miskolc. The Campus provides high standard accommodation, good enough and large enough to accommodate all the WUOC 2016 participants during the World University Championships in a "WUOC Village" manner. The Campus is equipped with a complete set of meeting rooms and sports facilities which include gyms, swimming pool, athletics track, physiotherapy rooms and others.

The team officials' meetings will be held at the University.

20. Accommodation and Boarding

The accommodation and boarding for all WUOC 2016 participants will be situated at the Event Centre.

Athletes and officials will be accommodated in the Uni-Hotel (www.uni-hotel.hu/en), which is in the University area and was renovated and refurbished in 2007. Participants will be accommodated in twin double bed rooms (2 separate double bed rooms with common bathroom with shower) and in double rooms.

Main hotel services:

- Day and night reception and guard duty
- Banquet and conference facility
- 4 conference (for 30-60 participants) halls and lecture rooms in the hotel (and further well-equipped halls at the University)
- Club rooms (for 30 people) equipped with electronic media appliances (technical tools: e.g. projector, TV, DVD and cassette player, CD player, flipchart table)
- TV and internet connection
- Relax park
- Free parking lot
- Sunbath terrace
- Barbecue, outer fireplace
- Indoor and outdoor games (board games, table football, Hungarian card, French card, domino, ball, badminton, table chess, and garden chess) can be rented for free.
- In the area of university campus restaurants, post, GP's surgery, dental surgery, gift shop, bookshop, library and many other entertaining and sport facilities can be found.
- Near UNI-HOTEL you can do some shopping in Lidl and Tesco supermarkets.

Full board is offered at the university restaurants for WUOC 2016 participants. On some days, due to the tight time schedule, lunch will be served at the finish arenas of the races.

21. Transportation

Organisers will arrange for all transportation during the WUOC.

Transport of participants, who will not arrive by own cars, will be organised on request from the airports (Budapest, Debrecen), railway and bus station (Miskolc).

- Official airports: [Budapest Ferenc Liszt International Airport](#), [Debrecen International Airport](#)
- Official railways: Miskolc Tiszai Railway Station
- Official bus station: Miskolc bus station

22. Local Weather Conditions

Miskolc has a marine west coast climate that is mild with no dry season, warm summers and moderate seasonality.

During the WUOC	Average	Maximum	Minimum
Temperature	20	26,5	13,6
Precipitation	60 mm	Yearly average: 554 mm	
Sunshine	254 hrs	Yearly average: 1766 hrs	

Source: Hungarian Meteorological Service

23. Local Time

Hungary is in the Central European Time Zone (CET). GMT + 1 hours Summer time (from the last Sunday in March to the last Sunday in October): GMT + 2 hours

24. Electricity

- Voltage: 220-240 Volts/50Hz
- Primary Socket Type: [CEE 7/3 and CEE 7/4 \(German "Schuko"; Type F\)](#), [CEE 7/16 "Europlug" \(Type C\)](#)

25. Language

The official language is Hungarian that is a unique one. The only language that Hungarian is supposed to be related to is Finnish, but not in a communicative level. The most popular foreign language is English among young people, though more learn than speak. Elder people speak German that reflects the Austro-Hungarian connections back to centuries.

26. Safety

By Western standards, Hungary is a relatively safe place and the risk of violent crime remains low. Visitors should take precautions against car theft and pickpocketing.

27. Emergency Services

- [Emergency call centre: 112](#)
- Ambulance: 104
- Fire-department: 105
- Police: 107.

The above phone-numbers can be called free of charge.

28. 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 at Miskolc. Media representatives and any extra representatives of the Federations are requested to register by contacting the Event organisation at office@wuoc2016.hu

29. Public Event – Hungária Cup 2016 - WUOC Tour

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

Programme:

- Saturday, 30th July 10:00 – Middle Distance
- Sunday, 31st July 15:00 – Sprint Distance – just after the WUOC Sprint, same competition area
- Monday, 1st August 15:00 – Middle Distance – just after the WUOC Long Distance competition, same competition area
- Tuesday, 2nd August 10:00 – Long Distance – WUOC Sprint relay in downtown in the afternoon.
- Wednesday, 3rd August 15:00 – Chasing start – just after the WUOC Middle Distance competition, same competition area
- Thursday, 4th 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://hungariakupa.tajfutas.hu/2016>

30. Additional Information

You can find more information on the WUOC 2016 website: wuoc2016.hu or by e-mail office@wuoc2016.hu

Bulletins to follow:

- Bulletin No. 3. – May 2016
- Bulletin No. 4. – July 2016

Partners



Contact

WUOC 2016 Organising Committee

3515 Miskolc-Egyetemváros,
Körcsarnok

e-mail: office@wuoc2016.hu

Web: wuoc2016.hu



**Welcome to Miskolc
and WUOC 2016!**