

# INVITATION FOR NATIONAL SKI ASSOCIATIONS

**FIS NORDIC JUNIOR WORLD SKI CHAMPIONSHIPS  
FIS U23 WORLD SKI CHAMPIONSHIPS CROSS-COUNTRY**



**LAHTI FINLAND  
20.-27.1.2019**

## **FIS Nordic Junior World Ski Championships 2019**

### **FIS U23 World Ski Championships Cross-Country 2019**

On behalf of the International Ski Federation and the Finnish Ski Association, the Organizing Committee is pleased to invite all member associations of the FIS to participate in the FIS Nordic Junior World Ski Championships and U23 World Ski Championships Cross-Country from 20th to 27th of January in 2019 in Lahti, Finland.

#### **GREETINGS FROM THE ORGANISERS**

We warmly welcome You all to FIS Nordic Junior & U23 World Ski Championships to Lahti from 20th to 27th January 2019. The event venue in Lahti was upgraded for the FIS Nordic World Ski Championships 2017 and we are now delighted to provide the juniors the same great infrastructure. Our experienced organization with all volunteers are happy to host the next generation of skiers and will provide the best possible conditions that the teams can focus on their performance.

We are excited to organize a super interesting eight days of competition. During the event we expect more than 40 nations with 1 000 team members in Cross Country, Nordic Combined and Ski Jumping challenging each other. We are also proud to organize the first time ever Nordic Combined for Ladies as an official Championships event.

I believe that during the games we are going to see future stars coming up. There will be high quality races and nations will do the last selections towards FIS Nordic World Ski Championships held in Seefeld in February. We will do our very best that the atmosphere will be high and everyone - teams with its athletes, media, volunteers, spectators and the organization will enjoy their stay at our event. Feel free to feel like home.

**Best Regards,**  
**Secretary General, Aino-Kaisa Saarinen**

## Organizing Committee Lahti

### Organizing Committee Office:

#### Address:

Salpausselänkatu 8  
Lahti Sport Centre  
FI-15110 LAHTI

E-mail: [teamservice@jwsc2019.com](mailto:teamservice@jwsc2019.com)

Website: [www.jwsc2019.com](http://www.jwsc2019.com)

### Key contacts:

#### Secretary General

Aino-Kaisa Saarinen  
[aino-kaisa.saarinen@lahtiskigames.com](mailto:aino-kaisa.saarinen@lahtiskigames.com)  
+358 44 535 4362

#### Accommodation and transportation

Aino Pippuri  
[aino.pippuri@lahtiskigames.com](mailto:aino.pippuri@lahtiskigames.com)  
+358 44 482 6345

#### Logistics

Kirsi Hänninen  
[kirsi.hanninen@lahtiskigames.com](mailto:kirsi.hanninen@lahtiskigames.com)  
+358 50 028 2505

#### Finnish Ski Association

Marleena Valtasola  
[marleena.valtasola@hiihtoliitto.fi](mailto:marleena.valtasola@hiihtoliitto.fi)

#### Media & Communications

Soili Hirvonen  
[communications@jwsc2019.com](mailto:communications@jwsc2019.com)

#### Competition manager

Hannu Lehman, Lahti Ski Club  
[hannu.lehman@lahtiskigames.com](mailto:hannu.lehman@lahtiskigames.com)  
+358 45 631 3210

#### Chiefs of Competition:

Cross Country	Raiko Pousi	<a href="mailto:crosscountry@lahtiskigames.com">crosscountry@lahtiskigames.com</a>
Nordic Combined	Tony Kilponen	<a href="mailto:nordiccombined@lahtiskigames.com">nordiccombined@lahtiskigames.com</a>
Ski Jumping	Pekka Tervahartiala	<a href="mailto:skijumping@lahtiskigames.com">skijumping@lahtiskigames.com</a>

City of Lahti/ Competition facilities

Jarkko Laine [jarkko.laine@lahti.fi](mailto:jarkko.laine@lahti.fi)

**FIS OFFICIALS****Cross-Country Skiing**

FIS Coordinator, Press/Media CC  
 Technical Delegate  
 TD Assistant  
 Jury Member

Michal Lamplot  
 Mattias Berglund, SWE  
 Tiit Pekk, EST  
 Nathalie Santer, ITA

**Ski Jumping**

FIS Coordinator/Equipment Control Men  
 Technical Delegate  
 TD Assistant  
 Chief Distance Measurer  
 Equipment Control Ladies

Horst Tielmann  
 Aljosa Dolhar, SLO  
 Christian Kathol, AUT  
 Peter Chudy, SVK  
 Renata Nadarkiewicz

**Nordic Combined**

FIS Coordinator, Equipment Control  
 Technical Delegate  
 TD Assistant

Michael Neumayer  
 Andrea Roggia, ITA  
 Faustyna Malik, POL

**Ski jumping judges**

Janne Karjalainen	FIN
Arnaud Petit	FRA
Tiiu Ounila	ITA
Martin Rønningen	NOR
Ovidiu Axinte	ROU

**Medical Supervisor**

Eero Hyvärinen	FIN
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**COMPETITION PROGRAMME****Saturday 19.1.2019**

- 13.00-15.00 \*Official training U20, Cross Country sprint C (Unofficial training U23)  
15.00 Team captains' meeting Junior Sprint C, Cross Country, men and ladies

**Sunday 20.1.2019**

- 12.00 Cross Country U20, Sprint C, Qualification  
14.00 Cross Country U20, Sprint C, Final  
16.30 \*Official training U23, Sprint C  
16.30 Team captains' meeting, Nordic Combined, men and ladies  
18.00 Team captains' meeting U23 Sprint C, Cross Country, men and ladies

**Monday 21.1.2019**

- 10.00 Training HS 100, ladies, Nordic Combined (2 rounds)  
12.00 Cross Country U23, Sprint C, Qualification  
13.00 Training HS 100, men, Nordic Combined (2 rounds)  
14.00 Cross Country U23, Sprint C, Final  
16.30 \*Official training U20, 5 km/10 km  
16.30 Team captains' meeting, Ski Jumping, men and ladies  
18.00 Team captains' meeting, Junior Individual F, Cross Country, men and ladies

**Tuesday 22.1.2019**

- 09.00 Training HS 100, ladies, Nordic Combined (2 rounds)  
11.30 Training HS 100, men, Nordic Combined (2 rounds)  
12.00 Cross Country U20, 5 km F, ladies  
14.00 Cross Country U20, 10 km F, men  
14.30 Training HS 100, ladies (2 rounds)  
16.00 \*Official training U23, 10 km/15 km  
17.00 Training HS 100, men (2 rounds)  
17.30 Official training U20, Nordic Combined Cross Country  
17.30 Team captains' meeting U23 Individual F, Cross Country, men and ladies  
18.45 Team captains' meeting, Nordic Combined, men and ladies

**Wednesday 23.1.2019**

- 09.30 Cross Country U23, 10 km F, ladies  
10.00 Nordic Combined, Trial round HS 100, ladies  
11.00 Nordic Combined, HS 100, ladies  
12.00 Cross Country U23, 15 km F, men  
13.00 Nordic Combined, Trial round HS 100, men  
14.00 Nordic Combined, HS 100, men  
15.30 Nordic Combined, 5 km F, ladies  
16.30 Nordic Combined, 5 km F, men  
16.30 Training HS 100, ladies, Ski Jumping (2 rounds)  
18.00 \*Official training U20, mass start 15 km / 30 km C  
18.30 Training HS 100, men, Ski Jumping (2 rounds)  
19.00 Team captains' meeting Junior Mass Start C, Cross Country, men and ladies  
20.45 Team captains' meeting, Ski Jumping, men and ladies

**COMPETITION PROGRAMME****Thursday 24.1.2019**

- 10.00 Cross Country U20, mass start 15 km C, ladies
- 10.00 Training HS 100, men, Nordic Combined (2 rounds)
- 12.30 Cross Country U20, mass start 30 km C, men
- 14.00 Ski Jumping HS 100, trial round, ladies
- 14.45 \*Official training U23, mass start 15 km / 30 km C
- 15.00 Ski Jumping HS 100, ladies
- 17.00 Official training U20, Nordic Combined Cross Country
- 16.30 Team captains' meeting U23 Mass Start Classic, Cross Country, men and ladies
- 17.30 Ski Jumping HS 100, trial round, men
- 17.45 Team captains' meeting, Nordic Combined, men
- 18.30 Ski Jumping HS 100, men

**Friday 25.1.2019**

- 10.00 Cross Country U23, mass start 15 km C, ladies
- 10.00 Nordic Combined, Trial round HS 100, men team competition
- 11.00 Nordic Combined, men team competition HS 100
- 12.30 Cross Country U23, mass start 30 km C, men
- 13.00 Training HS 100, ladies, Ski Jumping (2 rounds)
- 16.30 Nordic Combined, 4 x 5 km F, men team competition
- 16.00 Training HS 100, men, Ski Jumping (2 rounds)
- 16.30 Team captains' meeting, Junior relay, Cross Country, men and ladies
- 18.30 \*Official training U20, relay, men and ladies
- 18.15 Team captains' meeting, Ski Jumping, men and ladies

**Saturday 26.1.2019**

- 10.00 Training HS 100, men, Nordic Combined (2 rounds)
- 10.30 Cross Country U20, relay 4 x 3,3 km, ladies
- 12.15 Cross Country U20, relay 4 x 5 km, men
- 14.00 Ski Jumping HS 100, trial round, ladies team competition
- 14.30 Official training U20, Nordic Combined Cross Country
- 15.00 Ski Jumping HS 100, ladies team competition
- 15.15 Team captains' meeting, Nordic Combined, men
- 17.30 Ski Jumping HS 100, trial round, men team competition
- 18.30 Ski Jumping HS 100, men team competition
- 21.00 Team captains' meeting, Ski Jumping, men and ladies

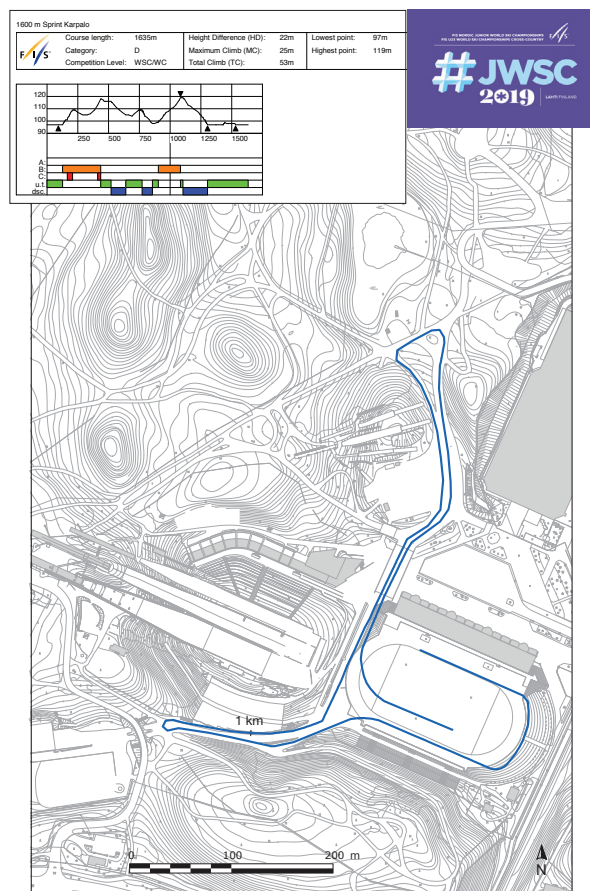
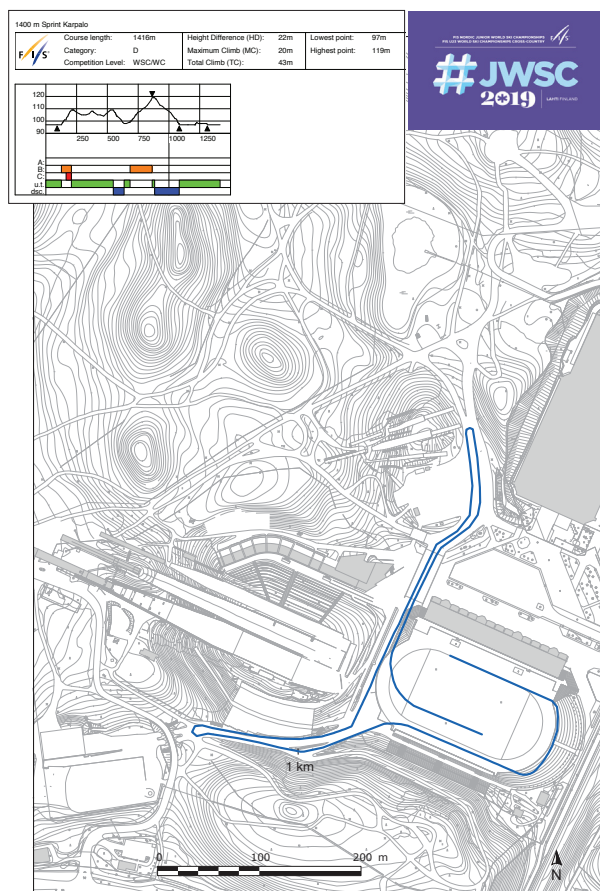
**Sunday 27.1.2019**

- 09.00 Nordic Combined, Trial round HS 100, men
- 10.00 Nordic Combined, HS 100, men
- 12.30 Nordic Combined, 10 km F, men
- 14.00 Ski Jumping HS 100, trial round, mixed team competition
- 15.00 Ski Jumping HS 100, mixed team competition

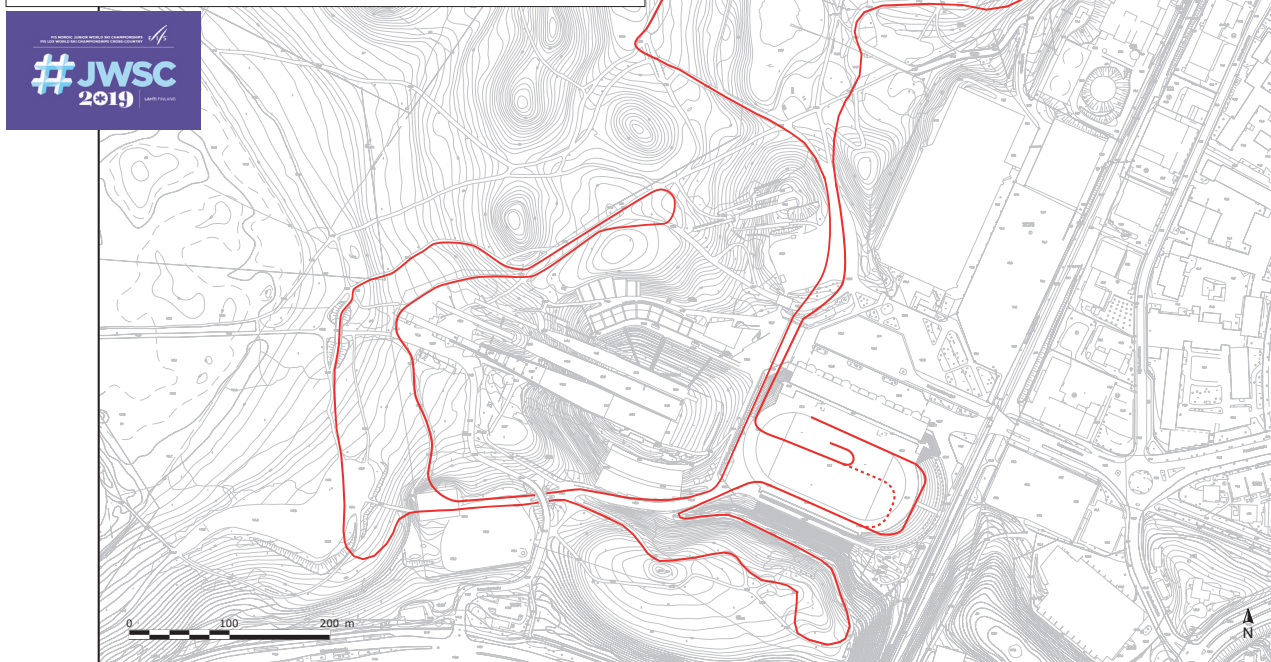
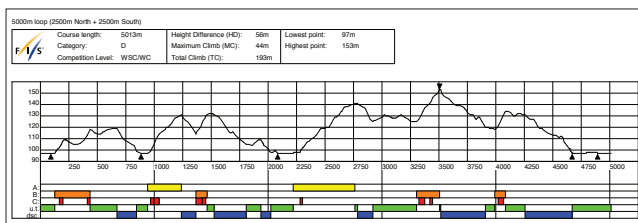
\*) decision on the final training times in the discretion of the Cross-Country Jury

**Prizegiving ceremonies will be held after each race**

COMPETITION COURSES AND HILL INFO



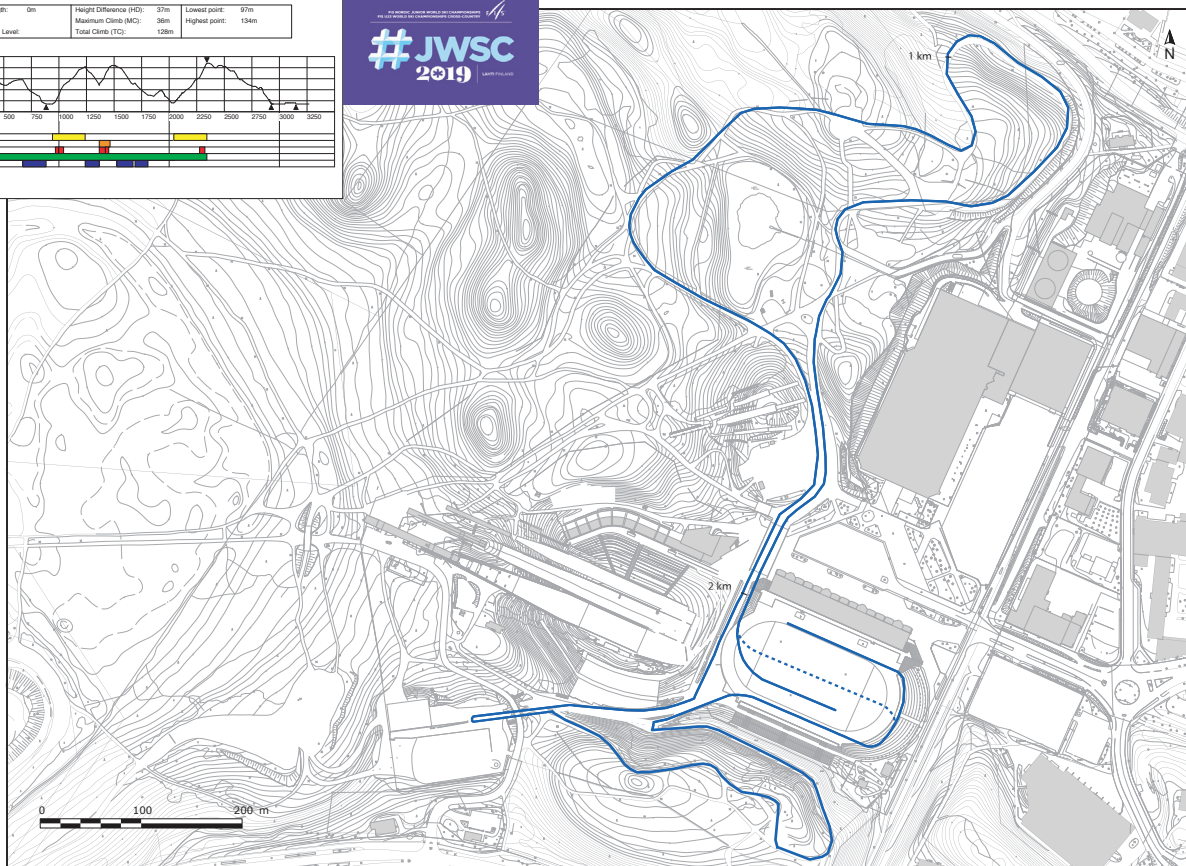
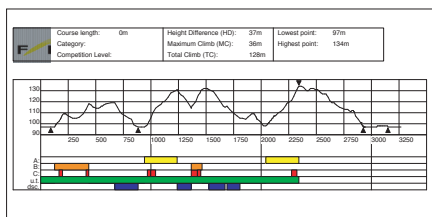
FIS Nordic Junior World Ski Championships 2019 - Karpalo Sprint Ladies 1,4 km / Men 1,6 km



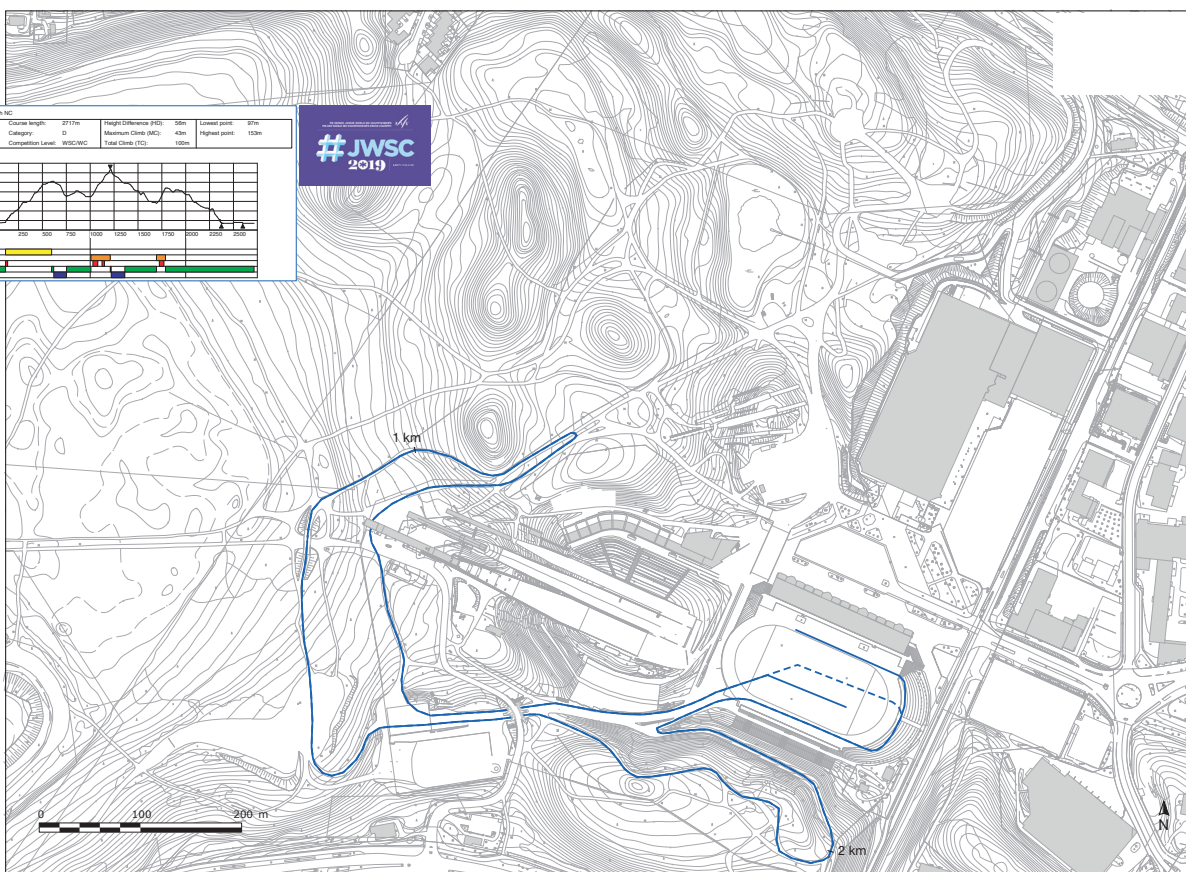
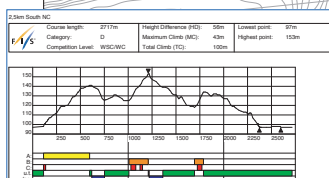
FIS Nordic Junior World Ski Championships 2019 - Interval starts, mass starts, relay 4x5 km men



COMPETITION COURSES AND HILL INFO



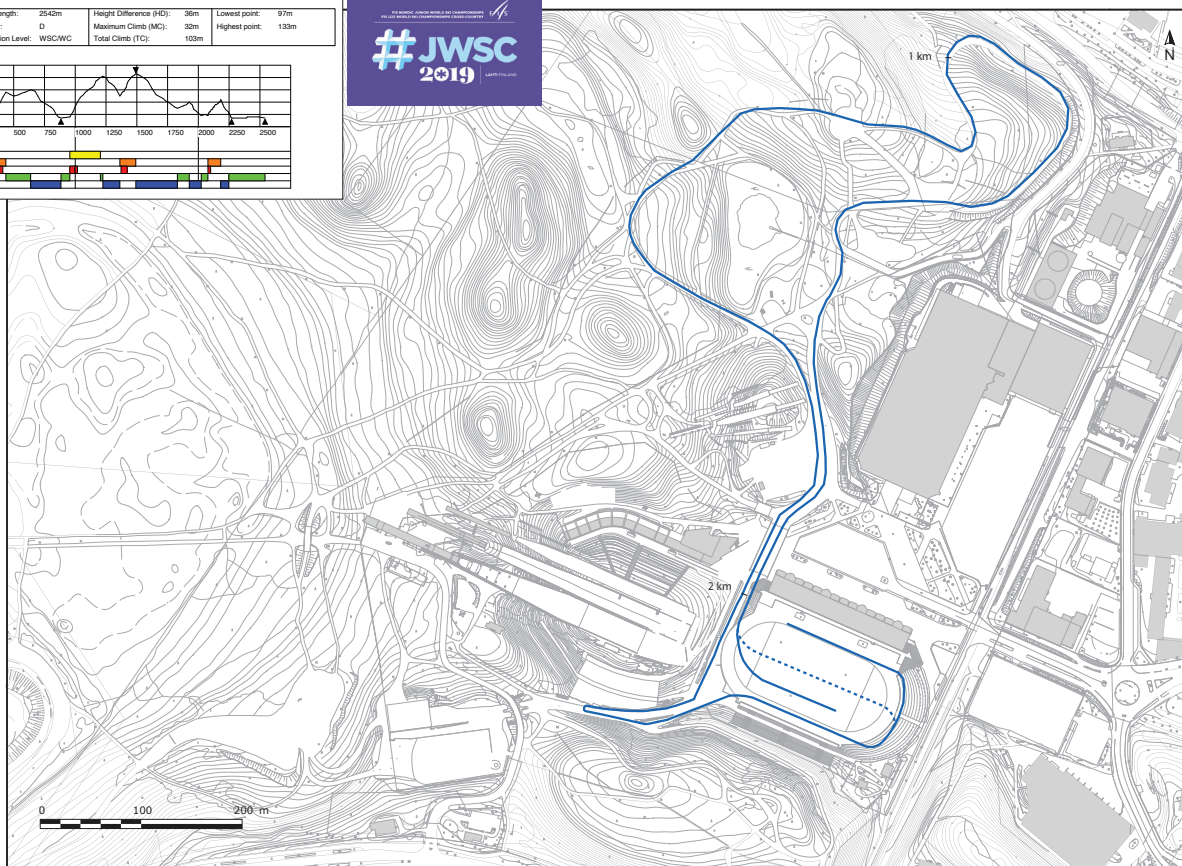
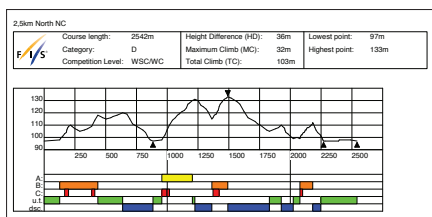
FIS Nordic Junior World Ski Championships 2019 - Ladies relay 4 x 3,3 km (2,5 km North + Sprint Indian Hill = 3,3 km)



FIS Nordic Junior World Ski Championships 2019 - Nordic Combined Individual Gundersen 2.5 km North



COMPETITION COURSES AND HILL INFO



FIS Nordic Junior World Ski Championships 2019 - Nordic Combined Team Event 2,5 km North



No. 180 / FIN 19

CERTIFICATE OF JUMPING HILL  
CERTIFICAT DE CONFORMITE  
SCHANZENPROFILBESTÄTIGUNG

Date of issue 13.02.2017  
Établi le 13.02.2017  
Ausgestellt am

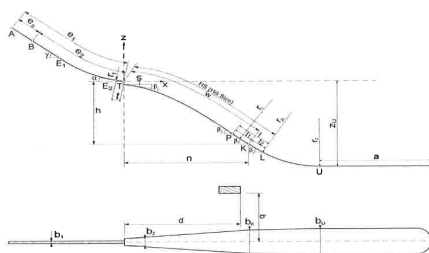
Valid till 31.12.2021  
Valable jusqu'au 31.12.2021  
Gültig bis

Place: Lahti

Name: Salpausselkä

HS = 100 m h/n = 0,546

Vo = 24,50 m/s



$e_1 = 83,05 \text{ m}$	$l_1 = 10,91 \text{ m}$	$P = 79,10 \text{ m}$
$e_2 = 63,97 \text{ m}$	$l_2 = 10,00 \text{ m}$	$K = 90,00 \text{ m}$
$e_3 = 19,08 \text{ m}$ 31 gates	$a = 83,00 \text{ m}$ sloping up	$L = 100,00 \text{ m}$
$t = 6,10 \text{ m}$	$\beta_p = 35,50^\circ$	$b_1 = 2,45 \text{ m}$
$\gamma = 37,50^\circ$	$\beta = 33,00^\circ$	$b_2 = 5,80 \text{ m}$
$\alpha = 10,80^\circ$	$\beta_s = 30,71^\circ$	$b_3 = 18,00 \text{ m}$
$r_1 = 86,00 \text{ m}$	$r_L = 250,00 \text{ m}$	$b_4 = 19,80 \text{ m}$
$h = 42,92 \text{ m}$	$r_T = 84,88 \text{ m}$	$d = 45,50 \text{ m}$
$n = 78,60 \text{ m}$	$Z_u = 62,53 \text{ m}$	$q = 30,50 \text{ m}$
$s = 2,80 \text{ m}$		

Remarks / Bemerkungen

1. inspection-reports by Torgeir Nordby
- 1.1 inspection-report 15th October 2014
- 1.2 attachment to inspection-report 8th January 2017
2. for fulfilling the (ICR/WO) standards of the jumpinghill, the owner is responsible during training and competition.

JUMPING HILL APPROVED BY THE FIS  
TREMPLIN HOMOLOGUE PAR LA FIS  
DURCH DIE FIS GENEHMIGTE SPRUNGSCHANZE

SUB-COMMITTEE FOR JUMPING HILLS

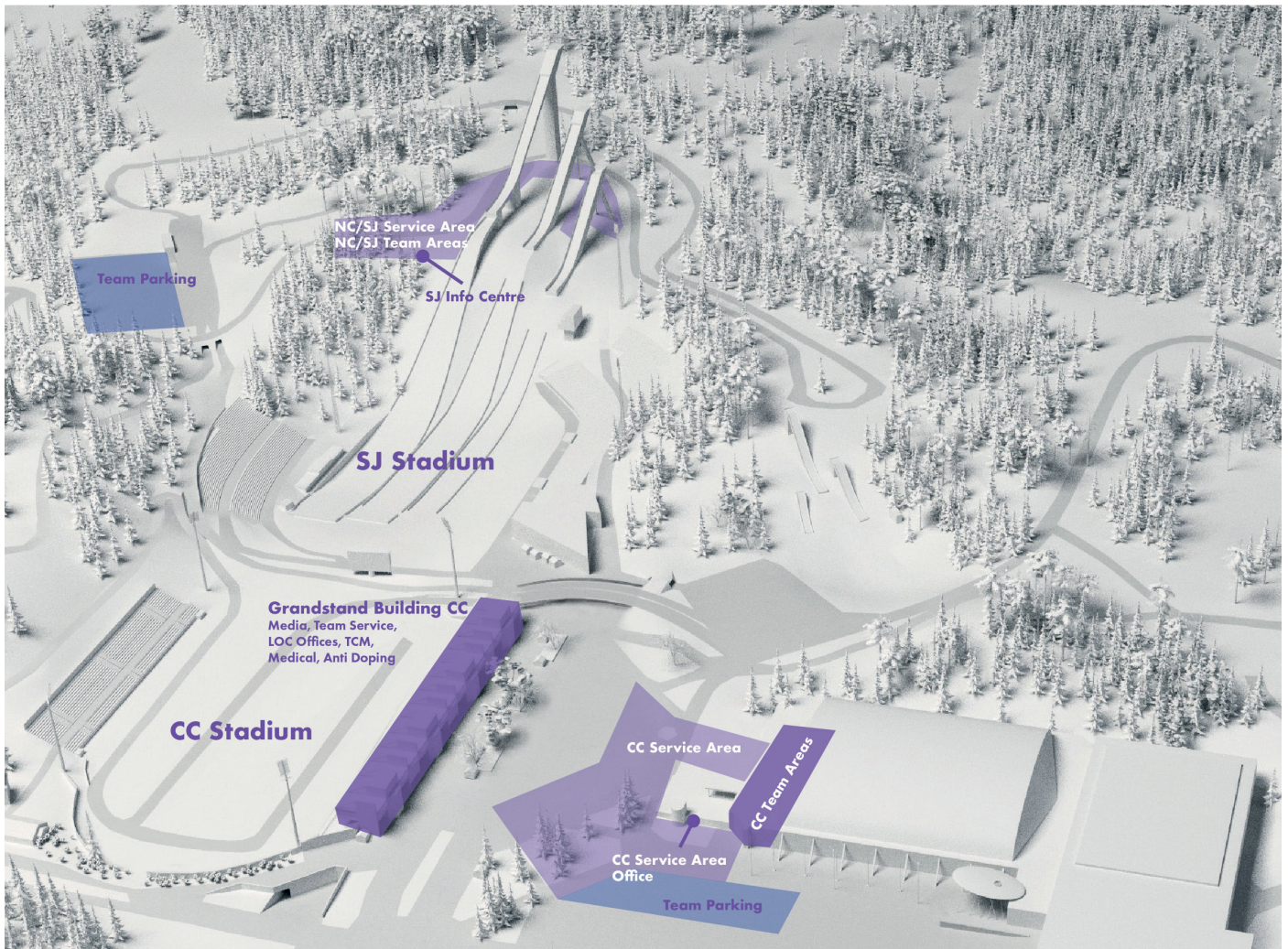
CHAIRMAN:

Hans-Martin Renn

STADIUM LAY-OUTS WILL BE PRESENTED LATER



VENUE



## ACCOMMODATION

Accommodation according to Rules "JWSC"

Price for teams (from quota) 100 CHF / per person per night including accommodation, full board, transportation to/from Sports Center

All payments through OC Lahti, contact information [teamservice@jwsc2019.com](mailto:teamservice@jwsc2019.com)

Teams are offered a possibility to use sports facilities and meeting rooms in Vierumäki and Pajulahti Olympic Training Centers for extra fee. More details to follow.

Teams arranging their own accommodation, extra services are offered by request (such as transportation, training possibilities). Teams are requested to inform their preferred location of accommodation in pre-entries. The earlier, the better possibility to get the preferred accommodation.

**Full board is included in the accommodation. Please inform all athletes and team members that full board (breakfast, lunch and dinner) is always served at the hotel. There will be flexible breakfast, lunch and dinner serving times at the hotels. Teams accommodating at Grand hotel, lunch and dinner is served nearby at the Restaurant Kivi. And teams accommodating at Forenom Apart hotel, lunch and dinner is served in the same building at Restaurant Elmo.**

**Please note, there will not be snack or lunch service at the venue. Snacks and food available on purchase.**

### **Accommodation will be arranged at:**

Grand Hotel Lahti, Siikaniemi, Pajulahti – Olympic Training Centre, Forenom Apart Hotel and Vierumäki – Olympic Training Centre

### **VIERUMÄKI (30 minutes to the Venue)**

Dormitories: Pihkala, Ilkka <https://vierumaki.fi/en/majoitus/dormitories-en>

Vierumäki Resort Hotel, Country Club <https://vierumaki.fi/en/majoitus/hotel-rooms>

Sport passes\* available for the teams for 35 eur/person for the whole period, 15 eur/person for one day

Meeting rooms available, prices will be given out later

### **PAJULAHTI (25 minutes to the Venue)**

Sport centre level accommodation [www.pajulahti.com/opistomajoitus/](http://www.pajulahti.com/opistomajoitus/)

Hotel level accommodation [www.pajulahti.com/hotellimajoitus/](http://www.pajulahti.com/hotellimajoitus/)

Sport passes\* available for the teams for 35 eur/person for the whole period, 15 eur/person for one day

Meeting rooms available, prices will be given out later.

\* Vierumäki & Pajulahti sport passes:

Gym, Supplementary training facilities, Ski tracks

More info is provided to the teams that accommodate in Vierumäki and Pajulahti.



**FORENOM (5 minutes to the Venue)**

Apartment hotel in Lahti city centre

<https://www.forenom.com/aparthotels/lahti/>

Breakfast is available in the hotel, other meals are organized nearby

There is no gym or other training facilities in the hotel

Competition area is in walking distance

**GRAND HOTEL (5 minutes to the Venue)**

Hotel in Lahti city centre

<https://hotels.avainhotellit.fi/grand/en/>

Breakfast is available in the hotel, other meals are organized nearby

There is no gym or other training facilities in the hotel

Competition area is in walking distance

**SIIKANIEMI (15 minutes to the Venue)**

Sport Centre Level Accommodation

[www.siikaniemi.fi/#tilat](http://www.siikaniemi.fi/#tilat)

Some of the rooms do not have showers and toilets of their own. Rooms with reduced facilities are offered at reduced price of 80 CHF

There is no gym or other training facilities

**TRANSPORTATION**

There will be transportation from/to airport Helsinki by bus. **Price is 35eur/person one way.** During the games the LOC offers shuttle bus from accommodation to the venue.

Contact information: [teamservice@jwsc2019.com](mailto:teamservice@jwsc2019.com)

**ENTRIES**

FIS rules will apply (International Ski Competition Rules, Rules for the FIS Nordic Junior World Ski Championships and FIS U23 World Ski Championships Cross-Country).

[http://www.fis-ski.com/mm/Document/documentlibrary/MajorEvents/03/66/25/JWSCRules\\_18-19\\_complete\\_English.pdf](http://www.fis-ski.com/mm/Document/documentlibrary/MajorEvents/03/66/25/JWSCRules_18-19_complete_English.pdf)

**PRELIMINARY ENTRIES**

Each National Ski Association must send to the Organising Committee the preliminary entry with the number of competitors, coaches and service staff according to 6.1.

The official **deadline** via FIS Online registration system is **22.11.2018**

Important: Preliminary entries are mandatory for all the teams (see 11.3 for accommodation rules).

## FINAL ENTRY / ENTRY BY NAMES

All the participating NSAs must send their entries by names through the online registration system. The system will be opened for entry by name as soon as the preliminary entry has been done.

Change of names will still be possible until the day before the first TCM (23:59 CET). After the deadline the system will be closed and any changes of the names are only possible after the approval from the respective Jury.

**The final size of the team must be confirmed until 7 days before the first competition.** The final entry for each competition must be done 2 hrs before the respective TCM.

## RULES

### *NUMBER OF COMPETITORS AND OFFICIALS*

To be eligible for participation in the FIS Nordic Junior World Ski Championships and U23 WSC CC the skier,

- Must be a citizen of the country entering him/her (article 203.5 ICR),
- Have a valid FIS Code,
- Fulfill any eligibility and qualification criteria laid down in these rules.

8 Cross-Country competitors	Men 4 allowed to start per event
8 Cross-Country competitors	Ladies 4 allowed to start per event
5 Ski Jumping competitors	Men 4 allowed to start per event
5 Ski Jumping competitors	Ladies 4 allowed to start per event
5 Nordic Combined competitors	Men 5 allowed to start per event
5 Nordic Combined competitors	Ladies 5 allowed to start per event

In all, a national team may thus comprise maximum 36 competitors.

If participating in one discipline (e.g. Ladies or Men):	6 Officials
If participating in two disciplines:	12 Officials
If participating in three or four disciplines:	18 Officials
If participating in all disciplines:	20 Officials

## QUOTA SYSTEM (SJ MEN)

Athletes Quota:	80 (maximum quota)
NSA Quota:	up to 5 per NSA (as a maximum) 4 allowed to start per event

## QUALIFICATION SYSTEM

Basic Quota:	Each participating NSA is allowed to enter up to two athletes in Ski Jumping men.
Host Nation:	The host nation is expected to enter (a) competitor(s) up to the maximum NSA quota of 5.
Allocation of Quotas:	The allocation of additional quotas per NSA is based on the COC Ranking List (CRL) composed of the results of the past and current seasons. The allocation will be made by assigning one quota place per competitor from the top of the standings downwards.

Once a NSA has achieved the maximum number of 5 quota places, the next eligible NSA on the CRL will be allocated a place until the total of 80 competitors is reached (including host nation). If the number of 80 cannot be reached with the CRL, the FIS CUP standings composed of the results of the last and current season will be taken into consideration.

Process and Timeline: The final quotas based on entries (see art.10.3) and using the CRL resp. FIS Cup standings will be calculated and announced 2 weeks prior to the JWSC.

## AGE LIMITS

The FIS competition year is 1st July – 30th June of the following year. In order to compete in international competitions a competitor must have reached their 16th birthday before the end of the calendar year (1st January – 31st December) in question.

### **Nordic Junior World Ski Championships**

Season: 2018/19, Ages: 16-20

Years of birth: 1999, 2000, 2001, 2002, 2003

### **U23 World Ski Championships Cross-Country**

Season: 2018/19, Ages: 21-23

Years of birth: 1996, 1997, 1998

## RADIO EQUIPMENT / FREQUENCIES

Regulations of radio equipment/frequencies

The import, export and the operation of radio equipment in Finland is regulated by national law. Permits for the use of radio transmission equipment must be requested according to national specifications.

The Finnish Communications Regulatory Authority (FICORA) controls the use of radio frequencies in Finland and ensures that a sufficient number of frequencies are equally available, in order to ensure all users are able to operate in a cooperative and legal manner.

Each user of a radio transmitter subject to license must obtain a license granted by FICORA. FICORA assigns the frequencies to be used. It is prohibited to use any other frequencies than the ones mentioned in the license.

You'll find more details and application form here.

**Applications must be submitted to FICORA by December 14th 2018**

E-mail: radiotaajuudet@ficora.fi, Fax: +358 295 390 270  
More information from Mr. Markku Laasonen +358 295 390 454  
markku.laasonen@ficora.fi

License-exempted equipment: Please see FICORA Regulation 15 on collective frequencies for license-exempt radio transmitters and on their use here.

There will not be radio inspections at the venue. In case of radio interference, please call: +358 295 390 241.

**SOCIAL MEDIA CHANNELS**

**OFFICIAL HASHTAGS**

**#lahti2019**

**#roadtolahti**

**#JWSC2019**

