

# BULLETIN 4

## ESOC

EUROPEAN SKI ORIENTEERING  
CHAMPIONSHIPS 2016

## JWSOC

JUNIOR WORLD SKI ORIENTEERING  
CHAMPIONSHIPS 2016

## EYSOC

EUROPEAN YOUTH SKI ORIENTEERING  
CHAMPIONSHIPS 2016

World Cup 2015/16 Round 3



## SKI ORIENTEERING WORLD CUP



**OBERTILLIACH - AUSTRIA**  
**28.02. - 05.03. 2016**





**SPORTident**  
Make the most of your sport!

# Faster Ski Orienteering with the SIAC

- Take your chance and see the SIAC in real action at the Ski-O WorldCup 2016 in Obertillach, Austria
- Enjoy the feeling of fast and contactless timing with the SPORTident ActiveCard and speed up your sport!
- No direct punching is required
- Contactless and accurate timing for the fast athletes is guaranteed



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**The information published in this bulletin might be subject to change.  
 Any information shared during the team officials meeting is prior.**





Sponsors



## Welcome

Dear Athletes and Friends,

We are very pleased to welcome you to the Ski Orienteering Competitions in Obertilliach. Some of you have undergone a long journey and we hope your trip went well. You may already have had the opportunity to experience the Tyrolean Orienteering Facilities prior to these competitions – but we trust that this event can provide another type of access to Orienteering at its best. So, **ROCK THE SNOW!**



We wish you all a successful and nice Orienteering Week.

The local organizing team,

**Hans-Georg Gratzner**  
**Wolfgang Madl**

Karin Bianchi  
Markus Bianchi  
Thomas Egger  
Wolfgang Ferrari  
Barbara Gindu-Ferrari  
Bernt Johansson  
Karin Lugsteiner  
Robert Mayrhofer  
Sabine Scholl-Bürgi  
Adrian Wickert





**Günther Platter, Governor of the Tyrol**

Dear sportswomen and sportsmen,

With pleasure I'm taking over the patronage of the orienteering event SKIO2016 in Obertilliach. Between 27 February and 06 March 2016 Tyrol may again present itself as a splendid host and popular location for winter sports events. In an exciting week not only the European Ski Orienteering Championship (ESOC) will be held, but also the Junior World Ski Orienteering Championship (JWSOC) and the Youth European Ski Orienteering Championship (EYSOC) as well as the final round of the World Cup.

From the International Orienteering Federation's (IOF) point of view SKIO2016 is an additional highlight in the Tyrolian winter sports event calendar and moreover the most important SKIO event of the year. Such big sports events do contribute filling people with enthusiasm for various sports and as a consequence getting active themselves.

As Governor of the Tyrol I'm pleased to welcome around 300 athletes from more than 20 nations and I wish all of them fair competitions and success. The preparation and organization of such a sports event always involves a lot of effort. So I'm glad that the Land of Tyrol was able to grant financial support.

I'd like to thank the organization team of the Laufklub Kompass Innsbruck. A special thank also goes to all the helping hands – without their never tiring commitment such an outstanding event could never be realized. All of them I wish a lot of fun and unforgettable moments.

Your

A handwritten signature in black ink, appearing to read 'Günther Platter'. The signature is written in a cursive style and is positioned to the right of the word 'Your'.

Günther Platter  
Governor of the Tyrol



**Brian Porteous, IOF President**

Dear friends of orienteering!

On behalf of the IOF Council, I want to welcome you to the 2016 European Ski Orienteering Championships, the European Youth Orienteering Championships and the World Junior Ski Orienteering Championships.

I am writing these words in December in Scotland and we presently have summer temperatures and so I hope that by the time you read them the whole of Europe will be covered in a blanket of the white stuff. My good wishes and thanks go to all competitors and coaches and to the whole organising team for all the hard work which will make the championships a success. I am sure that you will enjoy excellent courses and plenty of splendid Austrian winter hospitality.

We are a big and growing winter sport with real Olympic potential and I am sure that the days in Obertilliach will continue to build our winter profile.

Your  
Brian Porteous  
IOF President





**Josef Geisler, 1st Vice-Governor of the Tyrol**

Dear friends of orienteering!

Four high-level sport events within one week – that is the „SKI02016“ at Obertilliach. From 27 February till 6 March 2016 East Tyrol puts forward thrilling orienteering competitions: The European Championship (ESOC), the Youth World Championship (JWSOC), the Youth European Championship (EYSOC) as well as the final World cup play-off (WC).

As vice-governor in charge of sports it is a great pleasure for me to take on the patronage for the SKI02016. The realization of this event with the financial support from the Land Tyrol will bring an added value to the entire region. The impressive mountains and the hearty hospitality are only two of the reasons why the Tyrol gets selected again and again as venue for top sports events.

About 300 athletes from more than 20 nations will match themselves during the competition days and provide top sport performances and thrilling decisions. The SKI02016 is not only a great event for Obertilliach and the Tyrol, but - from the point of view of the International Orienteering Federation (IOF) - the most important one all over the year.

I wish all participants much success and great delight in attending and actively taking part in the event. My special thanks go to the organizers from the Laufclub Kompass Innsbruck as well as all helping hands – without the tireless commitment of all of you such an event could never have been realized.

Your  
Josef Geisler  
1<sup>st</sup> Vice-Governor







**Eric Adenstedt, President of OEFOL**

Dear friends of orienteering!

On behalf of the Austrian Orienteering Federation it is my great pleasure to welcome you to Austria and the region of Obertilliach!

The European Ski Orienteering Championships along with the Junior World Ski Orienteering Championships and the European Youth Ski Orienteering Championships constitute, from an organizational point of view, one of the largest and most important orienteering events in Austria in recent years. The experienced team of the Laufklub Kompass Innsbruck has been working hard to ensure a high quality event and a memorable and enjoyable experience for all participants, officials, spectators and guests - many thanks to the team for their dedication and effort. Thanks also go to all landowners, the municipalities and organizations in the region, the state and national governments and all sponsors, without whom the realization of these championships would not have been possible. To all competitors I wish the best of luck in accomplishment of their goals, and to all a great week in the mountains of East Tyrol!

Your  
Erik Adenstedt  
President of the  
Austrian Orienteering Federation





## 1 Organizers

Austrian Orienteering Federation with local organizers (Laufklub Kompass Innsbruck).

<b>Event director:</b>	Hans Georg Gratzer
<b>Competition secretary:</b>	Nathalie Huber, Karin Walch
<b>IOF Event Advisor:</b>	Hansruedi Häny
<b>National Controller:</b>	Wolf Eberle
<b>Course Setting:</b>	Viktor Kirianov
<b>Time Keeping:</b>	Robert Mayrhofer
<b>Start:</b>	Bernt Johansson
<b>Arena:</b>	Adrian Wickert
<b>Address:</b>	Hans Georg Gratzer, Arzlerstraße 48a A-6020 Innsbruck , Tel: +43 664 5634001
<b>Website / Mail:</b>	www.ski02016.at / office@ski02016.at

## 2 Venue and history

The Competition Center is located at the **Biathlon Arena in Obertilliach** (GPS 46°42'33"N 12°35'27"E). The distance from Munich International Airport to Obertilliach is approximately 300 km by car. The nearest railway station is in Lienz (40 km by car).



### Maybe useful to know

#### **Obertilliach (= "Upper" Tilliach, 1.450 m):**

The old name of Tilliach „Cercinago“ gives reference to the first inhabitants, the Romans. Bavarian settlement of the area is first mentioned in the late 11th century. The present-day municipality was established in 1852.

The high certainty of snow in Obertilliach attracted soon the first cross-country skiers. Joining the "Dolomitenlauf", first held in 1973, many international guests visited Obertilliach. Finally, in the 1980s the biathletes got aware of the high guarantee of snow

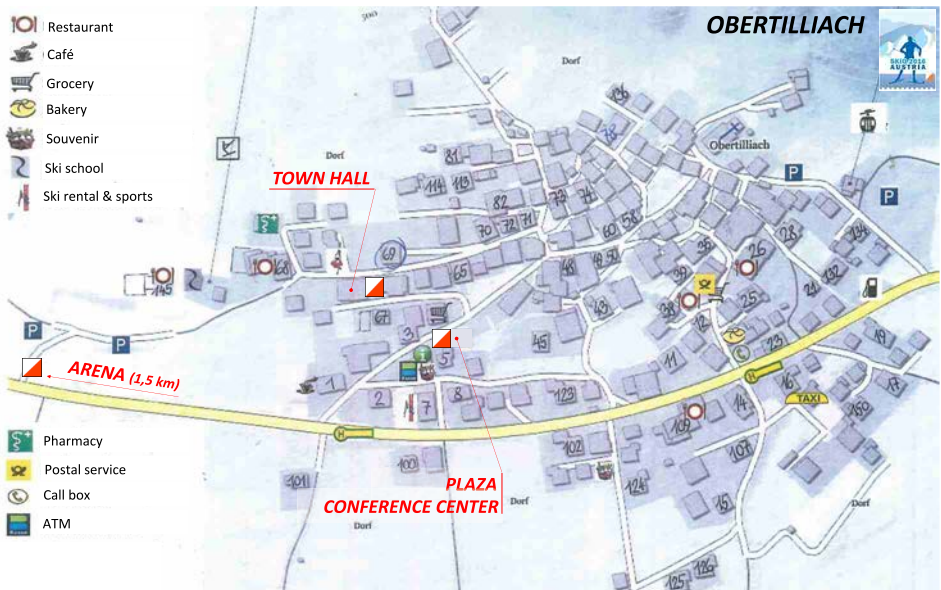
and 1989 the first and by now only Biathlon World Cup was held. With the opening of the Biathlon Center in 2004 and the "King of Biathlon" Ole Einar Bjoerndalen taking residence in Obertilliach, the place became a worldwide recognized spot of the Nordic scene. In addition to the annual IBU Cup competitions Obertilliach hosted the Biathlon Junior World Championships in 2013.



Today, Obertilliach is the most important tourist center in Tyrol's Gailtal respectively Lesachtal but also remains a charming Tyrolean mountain village. Traditions and customs are still very much alive and the farmers cultivate the wonderfully cultured landscape. Over 1100 beds for tourists in Obertilliach with its 700 inhabitants underline the importance of tourism. However, a number of the Obertilliach people shuttle day by day to the Pustertal or even to Lienz for their daily work.

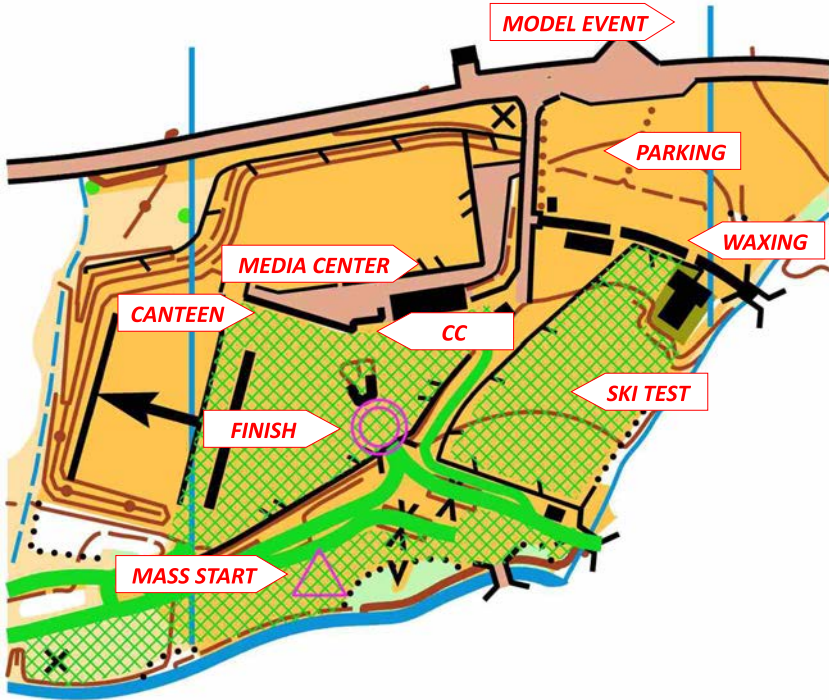
The village is still "guarded" by Austria's last night watchman. Twice a week, he walks his tour through the narrow and winding streets of Obertilliach.

## Town plan





# Arena Ski Orienteering 2016



## Sponsors





### 3 Embargoed Area

The Lesachtal valley between Kartitsch and Untertilliach between 15th August 2015 and 6th March 2016.



### Sponsors





4 Programme

# IOF Ski Orienteering World Cup

		Saturday 27.02.2016	Sunday 28.02.2016	Monday 29.02.2016	Tuesday 01.03.2016
		CC open	CC open	SPRINT CC open	MIXED SPRINT RELAY CC open
08	00				
09	00				
10	00				
11	00		Model Event	EYSOC FC	
12	00			JWSOC FC	ESOC FC
13	00		Dead Line Entry Sprint		
14	00	Arrival	Model Event	ESOC Dead Line Entry Relay FC	Open Mixed Relay Dead Line Entry Long
15	00				Price Giving Cerem.
16	00				
17	00				
18	00	CC open	Team Officials' Meeting	Team Officials' Meeting	Team Officials' Meeting
19	00		Opening Ceremony Plaza	Price Giving Ceremony Plaza	Price Giving Ceremony Plaza
20	00				
21	00				

FC Flower Ceremony


























## Obertilliach • Austria

Wednesday 02.03.2016	Thursday 03.03.2016	Friday 04.03.2016	Saturday 05.03.2016	Sunday 06.03.2016
LONG		MIDDLE (MASS START)	RELAY	
JWSOC			EYSOC	
ESOC		EYSOC	FC	
FC		JWSOC	JWSOC	
		ESOC	FC	
			ESOC	
			FC	
	Dead Line Entry Middle	Dead Line Entry Relay		<b>Departure</b>
	Team Officials' Meeting	Team Officials' Meeting		
Price Giving Ceremony Plaza		Price Giving Ceremony Plaza	Price Giving and Closing Ceremony Plaza	
Party (Town Hall)			Banquet (Town Hall)	
Team Officials Evening				



## 5 Entries and accreditation

		ESOC European Ski Orienteering Championships		EYSOC European Youth Ski Orienteering Championships		JWSOC Junior World Ski Orienteering Championships	
		Men	Women	Men	Women	Men	Women
1. Austria		7	5	2	4	1	2
2. Belarus		2					
3. Bulgaria		3	2	1	4	2	2
4. Czech Republic		5	5	3	2	3	2
5. Estonia		3	3	4	3	3	3
6. Finland		6	6	4	4	6	6
7. Germany		1		1	1		
8. Hungary					1	1	
9. Italy		1	1	4		3	1
10. Kazakhstan							
11. Latvia		3	3	4	3		2
12. Lithuania		3	2	2	3	3	2
13. Norway		4	4			6	6
14. Romania		4	1	5	3	1	
15. Russia		7	7	7	7	7	7
16. Slovakia			1	1	0		
17. Slovenia		5	2			1	0
18. Sweden		7	6			6	6
19. Switzerland		4	1	4	4	3	
20. Ukraine		4	2	3			
21. United States							1
		<b>69</b>	<b>51</b>	<b>45</b>	<b>39</b>	<b>46</b>	<b>40</b>

All athletes and team officials should be accredited first they come to the Competition Center in the Arena at the Biathlon Center (Obertilliach). They should wear their accreditation card throughout the whole week.

## 6 Terrain Type

Typical alpine valley with forest, marshes and open fields. The terrain is situated between 1250m and 1400m altitude.



## 7 Model event

A model event will be available on Sunday February 28th close to the Arena between 10:00 to 16:00. Maps can be collected at the Competition Center during opening hours.

## 8 Competitions

Snow conditions were very poor until February 14th. Snowfall on February 15th made it much better, but all course parameters below may change due to actual snow conditions.

	<b>Sprint</b>	<b>Sprint Relay</b>	<b>Middle</b>	<b>Long</b>	<b>Relay</b>
Map size	A4	A4	A4	A4	A4
Scale	1:5 000	1:5 000	1:10 000	1:15 000	1:10 000
Vertical contour intervals	5m	5m	5m	5m	5m
<b>ESOC</b>					
Winning time	10-15	36-48	40-45	85-95	100
<b>JWSOC</b>					
Winning time	10-15	-	25-35	60-75	95
<b>EYSOC</b>					
Winning time	8-12	-	20-25	40-45	70



## 9 Punching system and competition controls

The SPORTident-ActiveCard "SIAC1" is a combined active/passive transponder card. It works in the classical SPORTident direct punching mode, as well as for contactless punching (range 30 - 60 cm), when the SPORTident AIR+ system configuration is used. In these competitions the SPORTident AIR+ will be used. SIAC contains a battery and will always work in direct punching mode even if the battery is empty. Direct punching provides a fall-back option to register at controls. In contactless punching mode the SIAC's optical and acoustic feedback signals confirm that a control code and timestamp have been successfully written to the card. It is the responsibility of the competitor to check the battery prior entering the pre-start and CLEAR the SIAC when entering. The CHECK-process is mandatory for all SPORTident AIR+ applications. AIR+ functionality is terminated by the FINISH-punch. SIAC will be offered by the organizers. Lost SIAC must be paid by the participants.

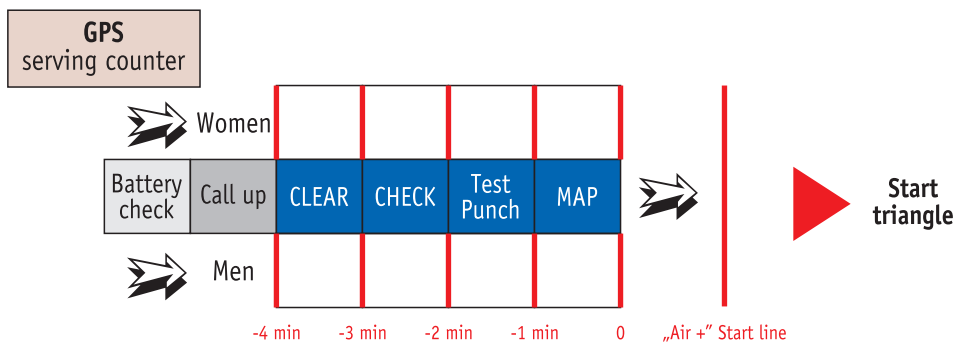
Additionally, at every competition control a mechanical system for punches is available. In the model event the control set-up used throughout the competition is demonstrated.



## 10 Starting scheme

### Individual start

Pre start is 4 minutes before start. In all distances athletes receive the map 15 seconds before start. An electronic start line „Air+“ will be used to record the exact start time. The competitor may start any time between five seconds before the start signal and the start signal. If a competitor starts late, the start list time is taken as the start time. A competitor who starts more than 5 seconds early and does not restart is disqualified. Competitors must follow the marked route from the time start line to the map start triangle.



### Mass start

In relay and middle distance mass starts are planned. At mass start athletes are called to the start area at least 5 minutes prior to start time. Clear and check of SIAC occurs at check-in for own responsibility. Maps are handed out to the athletes between 90 and 45 seconds before the start. Athletes have to keep the map into their hand behind the back until command "MAP" is given 15 seconds before the start. Start "GO" will be given. For the first approximately 50 meters only double pooling is allowed. Competitors must follow the marked route from the time start line to the map start triangle.



## 11 Start number bibs

Each athlete will receive two adhesive start number bibs to be worn clearly visible on the right and left leg (additional fixing with fixing pins is recommended) for every competition. The number bibs may not be folded or cut. The starting numbers will have a colored bar, for easier identification of competition type:

<b>ESOC</b>	— red bar
<b>JWSOC</b>	— blue bar
<b>EYSOC</b>	— yellow bar

Additionally, number vests will be used for ESOC. These number vests will be handed out the day before competition in the team officials' meeting. The number vests will be collected at the finish.

## 12 Equipment control and coaching zone

An equipment control and coaching zone will be available in the Arena in all competitions with mass start and long distance. An additional equipment control will be available in the forest in long distance competitions.

## 13 Refreshments during competition

In Long Distance race organizers will provide drinking during the competition. Detailed information will be provided in the team officials' meeting.

## 14 Finish

There is no punching needed at the finish line (red line).  
The finish time is taken, when the SIAC passes the finish line.

### Maximum skiing times are:

Sprint distance .....	45	....min
Middle distance .....	90	....min
Long distance .....	180	....min
Sprint relay .....	120	....min
Relay .....	200	....min

Maps must be returned after crossing the finish line and will be handed out to the team leaders at team officials meeting.



## 15 Skitest and warm up area

Ski testing and warm up area is available next to the Arena (for details see map of Arena).

## 16 Waxing facilities

Teams' waxing facilities at the Arena are available for rent (full cabin for the whole week 150.-€, shared cabin (two teams) for the whole week 75.-€ per team).



## 17 Flower ceremony and prize giving ceremony

The best three athletes and best three teams in each category will be awarded at the flower ceremony. The flower ceremony will take place directly after the competition in the Arena. The athletes are kindly asked to wear their national team competition uniform.

The best six athletes and best six teams in each category will be awarded at the prize giving ceremony. They should meet at 18:45 at the Conference Center. The prize giving ceremony will take place at the Plaza at 19:00 o'clock on each competition day. The athletes are kindly asked to wear their national team uniform.

## 18 GPS tracking

GPS tracking devices will be used each competition. The list of competitors, who have to wear the devices, will be available in the team officials' meeting the day before the competition. The GPS tracking devices are available for the selected athletes at the pre start area.



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[www.raiffeisenbank-sillian.at](http://www.raiffeisenbank-sillian.at)



## 19 Media services and broadcast

The media centre is located at the Arena. The media centre provides media representatives with access to internet. The competition will be broadcasted. Life stream will be available at the IOF life center (<http://livecenter.orienteering.org>).

In addition, every evening a video magazine will be published summarize the competition highlights of the day (<http://livecenter.orienteering.org>).



<http://livecenter.orienteering.org>

## 20 Fair play

All persons taking part in a ski orienteering event shall behave with fairness and honesty. They shall have a sporting attitude and a spirit of friendship. Competitors shall show respect for each other, for officials, journalists, spectators and the inhabitants of the competition area. The competitors shall be as quiet as possible in the terrain. Except in the case of an accident, seeking to obtain or obtaining assistance from other competitors or providing assistance to other competitors during a competition is forbidden. It is the duty of all competitors to help injured competitors.

## 21 Doping controls

**Doping is strictly forbidden**, and the organizers of the European Ski Orienteering Championships 2016 are dedicated to supporting the Anti-Doping authorities in their work.

Doping controls may be carried out any time during the competition period. For the athletes' comfort and convenience, we suggest that athletes are prepared at all events to take along some dry clothes to change into after their race. Doping tests are always carried out in accordance with the procedures described in the WADA International Standard for Testing. The IOF Anti-Doping Rules apply as of 1st January 2015. Athletes who are selected for the doping tests must bring an official identification (with photo) to the doping test area. The athletes 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.



## 22 Medical aid and insurance

Medical aid will be available in the Arena and also in the competition area (mountain rescue).

**Emergency number** 144

**Police** 133

**Euro Emergency** 112

**Fire brigade** 122



Athletes participate in IOF European Ski Orienteering Championships (ESOC), Junior World Ski Orienteering Championships (JWSOC), European Youth Ski Orienteering Championships (EYSOC) and World Cup 2015/16 Round 3 at their own risk. Individuals are responsible for their own insurance cover for illness/accident.

## 23 Catering at the arena

We offer for all teams catering at the Arena. A delicious lunch with two courses and free soft drinks will be served between 11:00 and 14:30 on each competition day (8,50€/person). Please purchase the voucher for the meals when registering at the Competition Centre.

## 24 Team officials` meeting

Team officials` meeting will be held throughout the week prior competitions. Team leaders of all federations, IOF representatives and the organizers will meet at the Conference Centre before the price giving ceremonies.

Attendance of all team leaders is requested. Competition material will be handed out based on availability. Any information shared at the team officials` meeting is prior to earlier published information.

## 25 Complaints

Any complaints should be made in written form and handed over to the organizer at the competition center. Complaints should be made not later than 15 min after publication of the official result list at the competition center.

## 26 Jury

The jury will consist of officials from the Czech Republic (CZE), Slovakia (SVK) and Finland (FIN).

## 27 Opening ceremony

For the opening ceremony at the Plaza of Obertilliach all athletes, team officials` and accompanying persons are kindly invited. All athletes are asked to gather at the meeting point behind the Town Hall at 18:40 (every nation should bring their own flag to the opening ceremony). The opening ceremony will be out door. It will not take longer than forty minutes. If possible, please wear official team uniform at the opening ceremony.

### So come and let the event begin. Rock the Snow and Never give up!

The two official SKIO 2016 songs  
„Rock the Snow”and „We never give up”  
are written (music and lyrics) by Jimmy Accetta  
([www.jimmyaccetta.com](http://www.jimmyaccetta.com))





## 28 Ski orienteering party – Rock the snow

For the Ski Orienteering Party in the Town Hall of Obertilliach all athletes and team officials and accompanying persons are kindly invited. A DJ will play latest hits for an active regeneration after a hard competition. Non-alcoholic drinks will be served for a small fee.



## 29 Ski orienteering banquet and closing ceremony – We never give up

The Ski Orienteering Banquet and the closing ceremony will take part in the Town Hall of Obertilliach, beginning after the prize giving ceremony of the relay competition. All athletes, team officials and accompanying persons are kindly invited. A dinner with local products will be served. Drinks will be served for a small fee.

### “Trice” will play live!

Please bring your accreditation card for access to the Ski Orienteering Banquet.



## 30 Leisure time activities – Rock the snow

There are special arrangement with the Golzentip cable car company offers following proposal: Ascent of the mountain for 9,00€/per person. On the mountain you can go cross country skiing or go sledging down the hill.

## 31 Impressum

Pictures were taken from Tourismusverband Osttirol,  
[www.trice-music.at](http://www.trice-music.at), [www.jimmyaccetta.com](http://www.jimmyaccetta.com)  
 Responsible for content: Laufklub Kompass Innsbruck,  
 Arzlerstraße 48 a, 6020 Innsbruck  
[www.kompass-innsbruck.at](http://www.kompass-innsbruck.at)  
 Sabine Scholl-Bürgi, Wolfgang Madl,  
 Adrian Wickert, Hans Georg Gratzner.





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# SKI ORIENTEERING



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Langlauf- und Biathlon-Zentrum Osttirol  
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**SKIO 2016**  
**AUSTRIA**



**OBERTILLIACH - AUSTRIA**  
**28.02. - 05.03. 2016**

