

European Physical Society Conference on High Energy Physics 2015

22-29 July 2015 Vienna, Austria

Conference Venue:

University of Vienna Universitätsring 1 1010 Vienna

Next underground station: Schottentor

From the station Wien-Mitte/Landstrasse take the underground U4 (direction Heiligenstadt) to Schottenring, change to the underground U2 (direction Karlsplatz) to Schottentor.





Floor plan

GROUND FLOOR

- Main auditorium "Audi Max" Plenary Sessions
- Cafeteria
- Audimax-Buffet

RAISED GROUND FLOOR

- Aula & Arcades Registration, Poster Sessions, the exhibition of industrial partners, publishing houses and coffee break area.
- **HS 07** Parallel Sessions

1ST FLOOR

- Großer Festsaal Parallel Sessions
- Kleiner Festsaal Parallel Sessions
- Senatssaal Satellite Meetings
- HS 30 Parallel Sessions
- HS 31 Parallel Sessions
- HS 32 Parallel Sessions
- HS 33 Parallel Sessions
- **HS 41** Parallel Sessions
- Elise-Richter-Saal Satellite Meetings

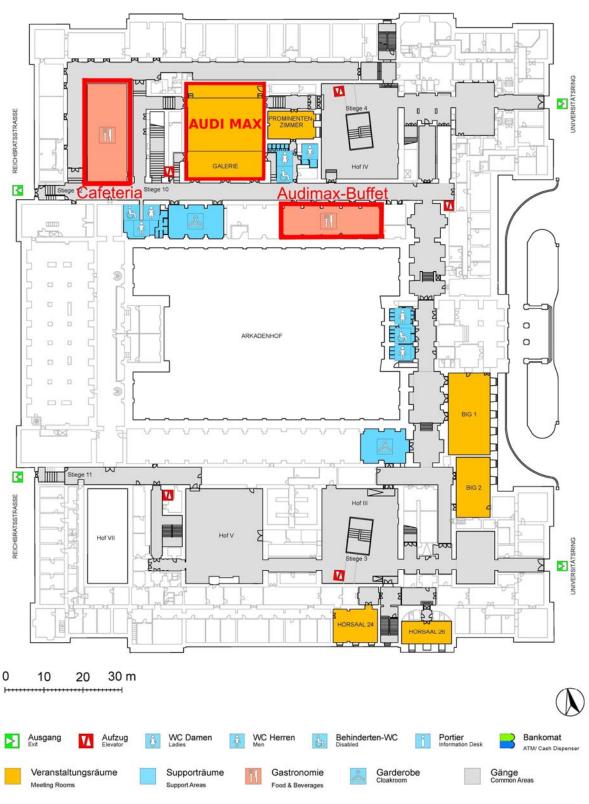
2ND FLOOR

• HS 42 - Parallel Sessions

main building

Tiefparterre / lower ground floor

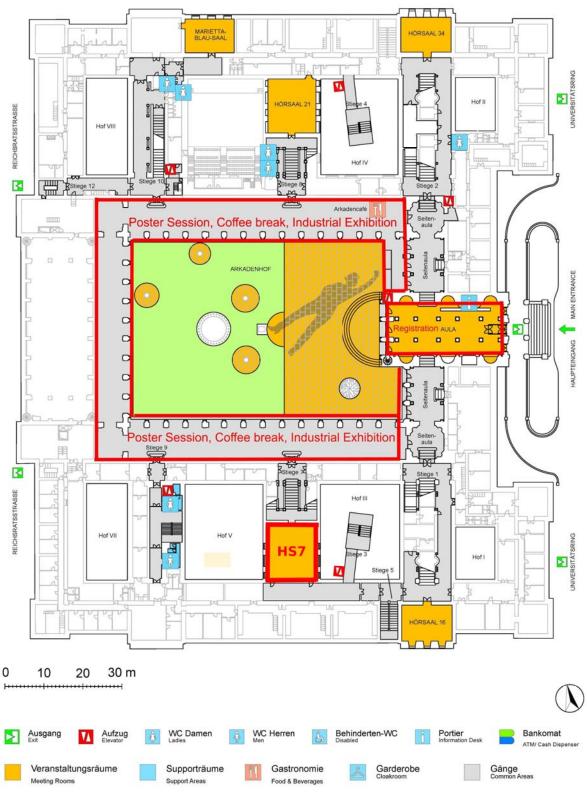




main building

Hochparterre / raised ground floor

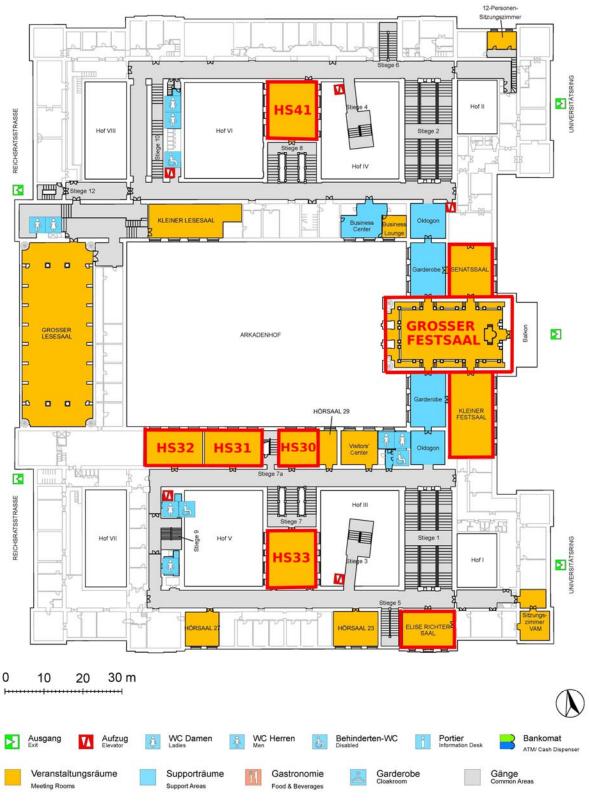




main building

1. Stock / first floor

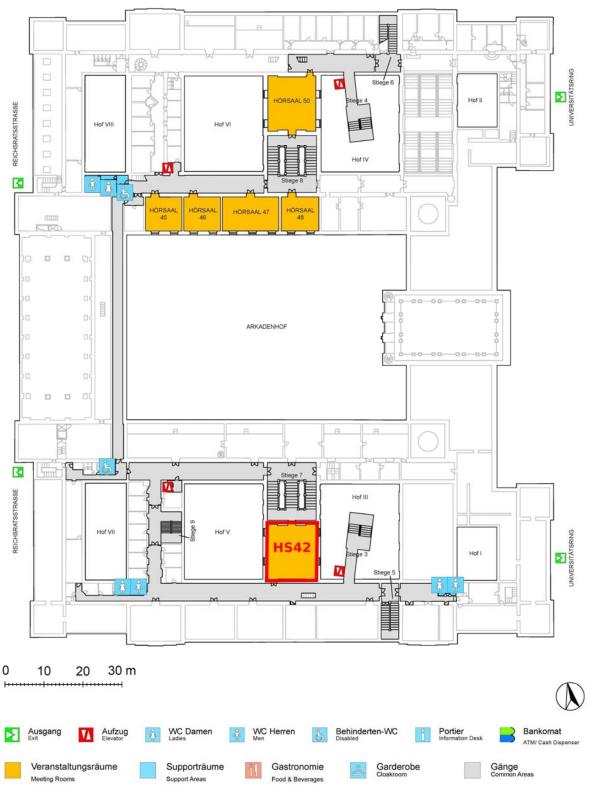




main building

2. Stock / second floor





By Airplaine

The **Vienna International Airport (VIE) in Wien-Schwechat** is situated **about 20 km south-east of Vienna**. On the airport's web site (http://www.viennaairport.com/) you find flight information as well as transportations into the city center:

• Local Train: S-Bahn to station Wien-Mitte/Landstrasse (takes 24 minutes).

Departure from the airport about every 30 minutes. Tickets are available at vending machines directly at the station (2 zones: 4.40 Euros) and are valid for connections in Vienna as well (urban railways, underground, tram and bus). All lines are going to Wien-Mitte or beyond, but please mind the right direction (just follow the crowd – hardly anybody goes in the opposite direction). From Wien-Mitte/Landstrasse take the underground U4 to Schottenring, change to the underground U2 to Schottentor.

• City Airport Train (CAT) to terminal station Wien-Mitte/Landstrasse (takes 16 minutes).

Departure from the airport every 30 minutes (single ticket 11 Euros).

Schedule (http://www.cityairporttrain.com/Infos/Fahrplan.aspx?lang=en-US)

Then take the underground U4 to Schottenring, change to the underground U2 to Schottentor. (extra ticket required, 2.20 Euros)

- Taxi from the airport to the conference venue (about 45 Euros)
- Vienna Airport Lines Bus Service to
- → Wien Schwedenplatz: every 30 minutes; Travel time 20 minutes
- → Wien Meidling: every 20 minutes; Travel time 30 minutes
- → Wien Westbahnhof: every 20 minutes; Travel time 45 minutes Single ticket 8 Euros.

Schedule (http://www.postbus.at/en/Airportbus/Vienna AirportLines/index.jsp)

• FlixBus from the airport to Vienna

- → Bus stop Wien Erdbergstrasse
- → Bus stop Wien Hütteldorf
- → Bus stop Wien Westbahnhof Single ticket 5 Euros.

By Train

If you prefer travelling by train you will find all the necessary information at the Austrian Federal Railways website (http://www.oebb.at/en/index.jsp) or via phone +43-5-1717.

How to reach the venue from railway stations:

- from Wien Westbahnhof (terminal railway station West):
 Underground U3 to Volkstheater, change there to U2 and exit at stop Schottentor
- from Wien Meidling (terminal railway station South & East):
 Tram line 62 or Badner Bahn (direction Oper) to stop Karlsplatz, change there to U2 Schottentor
- from Franz-Josefs-Bahnhof (terminal railway station North-West):
 Tram line D (direction Südbahnhof) to stop Schottentor
- from Wien-Nord / Praterstern (railway station North):
 Underground U2 to Schottentor

By Car

Coming by car is generally not recommended, as the car will rather be a burden in the city, while public transportation coverage is excellent. If you still want to come by car, here are some general directions. Please use a route planner (such as http://maps.google.com/) for more details.

- from the South and East: Südautobahn (A2) Südosttangente (A23) Exit Knoten Prater –
 Schüttelstraße Untere Donaustraße Stubenring Universitätsring
- from the West: Westautobahn (A1) Hietzinger Kai Wiener Straße Schönbrunner Straße –
 Karlsplatz Opernring Universitätsring
- **from the North:** Donauuferautobahn (A22) Südosttangente (A23) Exit Knoten Prater Schüttelstraße Untere Donaustraße Stubenring Universitätsring

Please bear in mind that you have to buy the official highway toll label ("Vignette") before using any motorway in Austria (more information at http://www.asfinag.at/en/home).

Please also note that public parking is not free of charge in the inner districts of Vienna and it is limited to a maximum of 2 hours per stay. For more information, consult the parking management website of the City of Vienna. There are also underground car parks (Parkgarage Rathauspark) close to the venue, but they are rather costly.

Further information can be found on the EPS-HEP2015 website under the tap Travel: http://eps-hep2015.eu/travel

Public Transport in Vienna

Some basic facts about public transportation:

Luckily, all means of public transportation within the city limits can be used with the same ticket:

- Underground ("U-Bahn")
- Urban Railways ("S-Bahn")
- Tramway
- Bus



Even a single ticket allows (multiple) connections, but no return trips.

Where do I get a ticket?

Various types of tickets are sold at tobacconists ("Trafik"), at vending machines in underground and S-Bahn stations and in some hotels. Even though there are also other options, it is highly recommended that you buy the ticket before you enter the means of transportation.

NEW: Buy and print your ticket online!

(https://shop.wienerlinien.at/index.php/tickets/4/subtickets/0.ticket)

There are several types of tickets:

- Single ticket (2.20 Euros)
- Ticket with 4 single strips (8.80 Euros) each strip is valid for one person and one zone. The whole city is one zone; a trip to the airport (by S-Bahn) requires a second zone (see the information in the arrival section). A multi-strip ticket can be shared by up to four people as long as everybody has his/her own strip. At vending machines (e.g. at the airport), you can also purchase tickets with 2 zones (=valid to go to the city).
- Weekly pass: valid Mo 0:00 a.m. Mo 9:00 a.m.; transferable (16.20 Euros)
- Various tickets valid for a day or more
 - o 24 hours ticket (7.60 Euros)
 - o 48 hours ticket (13.30 Euros)
 - o 72 hours ticket (16.50 Euros)
- Half-price tickets are required for children (aged 6-15), dogs (except when carried in a container) and bicycles

Tickets must be stamped when beginning your journey. Please refer to the conference website at http://eps-hep2015.eu/public-transportation for details.

Registration Desk

The registration desk at the conference venue is located on raised ground floor. The registration desk opens at **16:00** on **Wednesday (22 July)**, at **8:00** on **Tuesday (28 July)** and at **8:30** on every other day (excluding Sunday) of the conference.

Internet Access

We will provide personalized WLAN access for all participants. You will get the access code with the name badge. Eduroam will be also available.

Uploading

All talks should be uploaded to the Indico conference website, Posters can be uploaded http://indico.cern.ch/e/eps-hep2015

Posters

Poster contributions should be of size A0 and portrait orientation (Width=841mm, Height=1189mm) with some tolerance. Posters will be sorted by topic. Each poster has a dedicated number, which you will find in the conference booklet. The poster walls will be labeled such that you will find the proper place for your poster. The posters will be on display during the whole conference.

Two dedicated poster sessions will take place during the coffee break Friday morning, July 24th, 11:00 and

Monday afternoon, July 27th, 16:00.

Poster presenters are asked to be next to their poster during the poster sessions.

Lunch

There are many restaurants in the area; please feel free to find your personal favorite (we provide a local area map at the registration desk). The Cafeterie "Audimax-Buffet" is located on the ground floor of the University. Please note that lunches are not included in the conference fee.

Money

A cash dispenser (ATM) is located at the venue.

The bank closest to the conference venue is

UniCredit Bank Austria AG Schottengasse 6-8 1010 Vienna

Opening hours are Mon – Fri 9:00 – 18:00.

Water

It is perfectly safe to drink tap water in Vienna, which is delivered from the mountains oft he Alps about 100km southwest of Vienna.

SOCIAL EVENTS

There are five social events included in the conference fee during the conference:

- Wednesday, 22 July 2015; 16:00 21:00
 - Welcome reception @ Conference Venue
- Thursday, 23 July 2015; 19:30
 - Heurigen reception @ Winery Fuhrgassl-Huber
- Friday, 24 July 2015; 19:30
 - Portraittheater @ Conference Venue (max. 300 persons)
- Sunday, 26 July 2015; 9:45
 - Excursion to MedAustron (max. 120 persons)
- Tuesday, 28 July 2015; 19:30
 - Conference Gala Dinner @ Orangerie Schönbrunn

You (and your accompanying person(s), if registered) are welcome to these events. Please make sure to wear your name badge and bring your ticket along, otherwise you will not be allowed to enter.

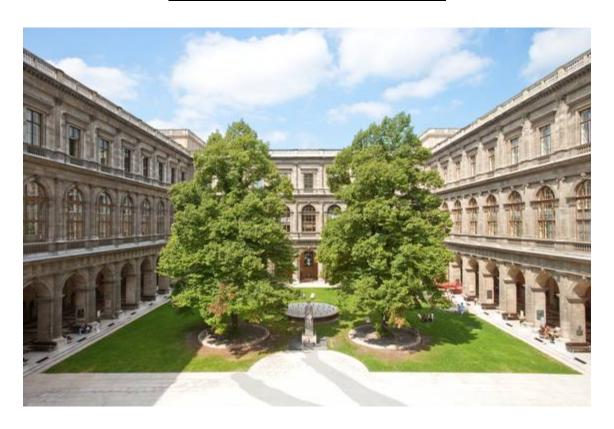
Social Events and Guides Tours to be paid separately

- Monday, 27 July 2015, 19:30
 - **Classical Concert @ Austrian Academy of Sciences**
- Tuesday, 28 July 2015, 18:15
 - Schönbrunn Palace Tour before Dinner
- Sunday, 26 July 2015
 - Picturesque world heritage Danube valley "Wachau"

Further information about the social and public events can be found on the EPS-HEP2015 website under the tab Events: http://eps-hep2015.eu/events

SOCIAL EVENT INCLUDED IN THE IN THE CONFERENCE FEE

Welcome Reception @ Conference Venue



Welcome Reception is offered in connection with the registration at the University of Vienna in the arcade courtyard with canapés and drinks.

Date: Wednesday, 22 JulyTime: 16:00 – 21:00

• Address: Universitätsring 1, 1010 Vienna

• Place: arcade courtyard

Heurigen reception @ Winery Fuhrgassl-Huber



The Heurigen Reception at the Winery *Fuhrgassl-Huber* will be offered by the mayor and governor of Vienna and the local organizing committee, which includes a "Heurigen" buffet, wine, and other drinks. A "Heuriger" is a typical Austrian wine tavern, which is traditionally run by a wine farmer who sells his own wine. Located in the heart of Neustift am Walde between vineyards and the Vienna Woods the Winery Fuhrgassl-Huber with its cosy parlours and romantic patio has been a popular wine tavern for almost 30 years.

The architect of the Winery Fuhrgassl-Huber was Professor Walter von Hoesslin, a stage designer of the Vienna Opera House.

Date: Thursday, 23 July

Address: Neustift am Walde 68, 1190 Vienna

Departure time: 19:30 by bus

• **Departure/return place:** Rathausplatz 5; on the left side of the main entrance of the conference venue

• **Return**: from the Heurigen at 22:00 / 22:30 / 23:00 / 23:30 (by bus)

• **Public transport:** tram 38 from "Schottentor" deep basement to "Gatterburggasse", change to bus 35 A Salmannsdorf to "Neustift am Walde" - takes approx. 40 min.



Portraittheater @ Conference Venue



"CURIE_MEITNER_LAMARR_INDIVISIBLE" - Radiation. Nuclear fission. Frequency hopping.

Three outstanding pioneers represent the achievements of women in the field of science and technology: The double Nobel Price winner and discoverer of radioactivity Marie Curie (1867-1934), the Austrian-Swedish nuclear physicist Lise Meitner (1878-1968) and the Viennese Hollywood actress Hedy Lamarr (1914-2000) with the invention of frequency hopping.

Incidents of their lives, achievements and impediments as well as the contents of their research and the passion for their work are in the centre of the theatre play "Curie_Meitner_Lamarr_indivisible". Illustrated with music and videos with three girls the performance shows an entertaining portrait of extraordinary women in history.

Please register for this event – no admission fee.

• Date: Friday, 24 July

• **Time:** 19:30

• Address: Universitätsring 1, 1010 Vienna

• Place: Großer Festsaal, 1st Floor

Maximum number of participants: 300 persons

Excursion to MedAustron



MedAustron in Wiener Neustadt is one of the most cutting-edge centres for ion-beam therapy and research in Europe, currently in the commissioning phase. First treatments are scheduled for the upcoming year 2016 with a steady increase of patient numbers up to 1,200 per year, once the facility is in full operation.

Besides clinical research, the synchrotron-based centre also offers opportunities for non-clinical research activities, especially in medical radiation physics, radiation biology, and experimental physics.

Worldwide, there are only three other centres like MedAustron that offer radiation therapy with both protons and carbon ions in one place.

This excursion is sponsored by MedAustron

Date: Sunday, 26 July

Departure time: 9:45 by busDuration: approximately 6 hours

• **Departure/return place:** Rathausplatz 5; on the left side of the main entrance of the conference venue

Maximum number of participants: 120 persons

AGENDA:

- **09:45:** Departure at the conference venue
- **11:00:** Innovative Cancer Treatment & Research at MedAustron; Talks on current developments and future outlook
- 12:30: Break (refreshments will be served)
- **13:00:** Guided Tour
- **15:00:** Departure at MedAustron (arrival time at the conference venue app. 16:00)

Conference Gala Dinner @ Orangerie Schönbrunn



Schönbrunn Palace is a World Cultural Heritage site and Austria's most visited sight. This Baroque synthesis of different arts, consisting of a palace and gardens, has been the summer residence of the Habsburg dynasty, and today presents itself largely in its original historical condition. The Orangerie building was added to the Palace around 1750 for the purpose of providing a winter shelter for orange plants.

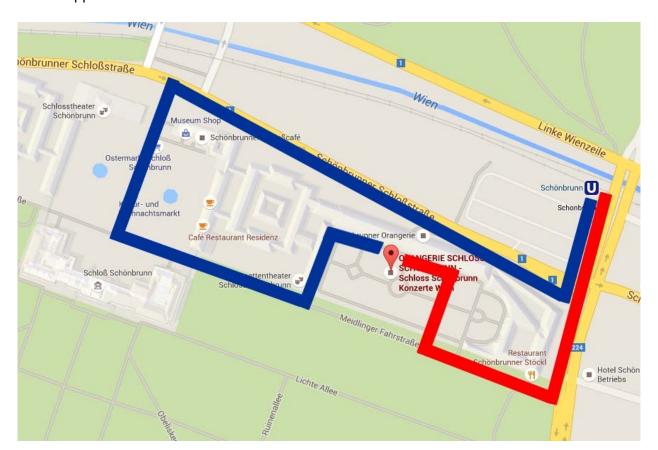
• Date: Tuesday, 28. July

• **Time:** 19:30

• Address: Orangerie Schönbrunn, Schönbrunner Schloßstraße 47, 1130 Vienna

• Place: Orangerie Schönbrunn

• **Public Transport:** U2 from "Schottentor" to "Karlsplatz", U4 from "Karlsplatz" to "Schönbrunn" – takes approx. 20 min.



SOCIAL EVENTS AND TOURS TO BE PAID SEPARATELY

Classical Concert @ Austrian Academy of Sciences



The main building of the Austrian Academy of Sciences is located in a baroque building which originally was home of the University of Vienna. The building, designed by the Lorrainese architect Jean Nicolas Jardot de Ville-Issey, was erected in 1753-1755. Johann Enzendorfer, Daniel Christoph Dietrich and Johann Adam Münzer carried out its construction. The inauguration by Emperor Franz I. and Empress Maria Theresia took place on April 10th, 1756. Since 1857, it hosts the administration of the Academy and a few of its numerous research units.

This building has a festive hall with an impressive ceiling fresco, which will be the location the concert. This Concert is not included in the conference fee and has to be paid separately.

Date: Monday, 27 July

• Time: 19:30

• Address: Austrian Academy of Sciences, Dr. Ignaz Seipel Platz 2, 1010 Vienna

Place: Festsaal

• **Public Transport:** Underground 2 "Schottentor" (direction Karlsplatz) to station "Volkstheater", change to underground 3 (direction Simmering) to "Stubentor" – takes approx. 11 min.

• Walking distance: approx. 25 min.

Maximum number of participants: 300

• Ticket costs: € 10,00

Schönbrunn Palace Tour before Dinner



This tour of the imperial apartments, which will take you on a journey through the centuries, starts behind a massive door at the top of the Blue Staircase. It begins in the west wing of the palace, with the apartments of Emperor Franz Joseph and his wife, Elisabeth, which are furnished in 19th-century style, and continues through the state rooms in the central wing. From there the tour proceeds to the richly-appointed apartments once occupied by Maria Theresa. The Franz Karl Apartments, which were occupied by Emperor Franz Joseph's parents, Archduchess Sophie and Archduke Franz Karl, conclude the tour. All the rooms in the palace have their own stories to tell, stories on the margins of great historical events which are indicative of the lifestyle, atmosphere and world view of the imperial era.

This tour is not included in the conference fee and hast o be paid separately.

Date: Tuesday, 28 July

• Time: 18:15

Duration: approximately 1 hour

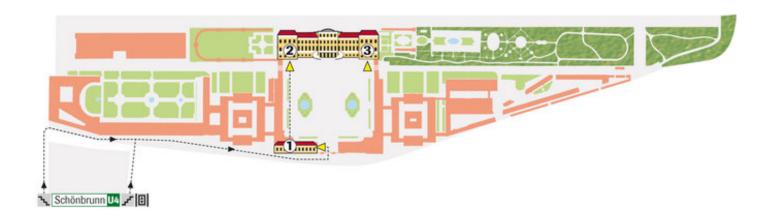
• Address: Schönbrunn Palace, Schönbrunner Schloßstraße 47, 1130 Vienna

Meeting point: Main ticket office

• **Public Transport:** U2 from "Schottentor" to "Karlsplatz", U4 from "Karlsplatz" to "Schönbrunn" – takes approx. 20 min.

• **Price per person:** € 22,00 (bookable only at the online registration)

• Included: guide, admission fee



- 1. Main ticket office, group and pre-booked tickets
 - 2. Palace Entrance (gate A, B) Audio Guides
- 3. Children's Museum Schloss Schönbrunn Experience

Optional Excursion tours on Sunday

These optional excursion tours are not included in the conference fee and have to be paid separately.

Proceedings

Proceedings will be published through **Proceedings of Science (PoS)** - http://poss.sissa.it, the open access online journal organized by SISSA, the International School for Advanced Studies based in Trieste.

The contribution should be written in MS Word or LaTeX.

The procedure for submission and the required style-file is described on http://pos.sissa.it/POSauthors.html.

The deadline for submitting the proceedings is October 15th, 2015.

Industrial Exhibition

These companies present their products at EPS-HEP2015:









