

Stiftung Planetarium Berlin

United Under The Sky

Joint bid from Berlin and Jena to host the IPS 2024 conference



Invitation from the Hosts

Dear President SubbaRao and President-Elect Kimura,

It is with great pleasure that we inform you of our joint bid to host IPS 2024. We in Berlin and Jena feel honored to contribute to the growth and professional development of the Planetarium community. As our community will be celebrating the Centennial of the Planetarium from 2023-2025, we feel it only makes sense to host the conference in historically relevant locations in Germany. With Jena being the birthplace of the projection planetarium and location of the oldest continuously operating large planetarium, and Berlin's unique history giving the city three planetariums, two observatories and a mobile dome, we are certain that our joint bid is the perfect option for IPS 2024. The pre-conference activities would be from 12-16 June with a pre-conference tour, fulldome festival, and one-day IMERSA workshop in the storied Zeiss-Planetarium Jena. The IPS Board will have a wonderful location for its meeting in Berlin with the Stiftung Planetarium Berlin, and delegates can participate in a one-day pre-conference LIPS workshop. The conference will kick off in Berlin on the evening of 16 June and end with a wonderful banquet the evening of 20 June, and conclude with two post conference tours from 21-22 June.

Jena makes the most sense when it comes to a host site for the fulldome festival as well as IMERSA. Aside from a stellar history, Jena has the most experience in hosting fulldome festivals, as they were the first planetarium to offer this style of showcase, and therefore, the most capable when it comes to ensuring the best experience possible for participants. Since Jena has always been very closely tied to fulldome immersion, it only makes sense to continue with the one-day IMERSA session in Jena as well. This session will enable participants who maybe cannot attend a full IMERSA conference to be able to gain some experience with the extremely useful subject matter covered during these workshops.

What better place to host the main days of the conference than the home of three permanent planetariums, one mobile planetarium, and two observatories – Berlin? The Stiftung Planetarium Berlin has the support of the City of Berlin and the infrastructure that enables it to take on hosting a large number of our planetarium community members. Each of our three main sites has its own unique purpose and strengths, which makes each ideal for professional development of our colleagues. At the time of the conference in 2024, all three of our sites will have been renovated and upgraded to the newest technology. Our historic museum will enable delegates to explore how astronomy has developed and evolved over time and we will offer observing parties at our observatories. The planned home base will be the Estrel Berlin Conference Center and Hotel. Delegates will be in good hands in Berlin as the team at SPB is passionate and dedicated to making this the best IPS conference yet! Furthermore, President Tim Florian Horn has experience hosting a medium-sized conference for the GDP at the locations of the SPB, and the Project Director for IPS 2024, Anna Green, gained experience hosting a large conference when she hosted the successful Pleiades National Planetarium Conference in the USA in 2017.

We understand that it is of the utmost importance to the International Planetarium Society to ensure that our conferences are inclusive, supportive, and safe for all who wish to attend, and it is our priority as well. Jena is a city of innovation and education; home to a major university as well as many pioneering companies. This has led to Jena being a very open-minded, welcoming, and safe community, where any attendees can feel confident walking around on their own at any time.

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Berlin, possibly more than any other city, understands what it is like to be excluded, separated, judged and suppressed. It is therefore, at present, one of the most open, welcoming, accepting and supportive cities, wanting never again to see its citizens or guests discriminated against for any reason. One can feel safe walking alone in the day or night, no matter their age, race, size, gender identity, if they are a member of the LGBTQIA+ community, or if they are differently abled. Berlin is a multicultural, accepting, and multilingual city. Visitors who do not speak German will also have no problem navigating through the city.

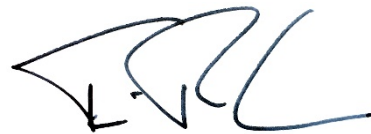
We also wish for our delegates who are parents to feel welcome. We will, of course, have nursing rooms available for mothers who may wish to have a quiet place to nurse and bond with their babies. We will also be offering a multilingual Space Explorer Day Camp every day of the conference for children in nursery and elementary school so that parents can participate worry-free in professional development while their children learn and play in a safe, fun and educational environment.

We appreciate the consideration of our invitation by the IPS officers, Board, and delegates. It would truly be an honor and a pleasure to host and serve the community that has given us so much. We have received much, and now it is time to give back.

Clear skies and all the best,



Stefan Harnisch
Zeiss-Planetarium Jena, Director



Tim Florian Horn
Stiftung Planetarium Berlin, President

A special conference year deserves very special hosts

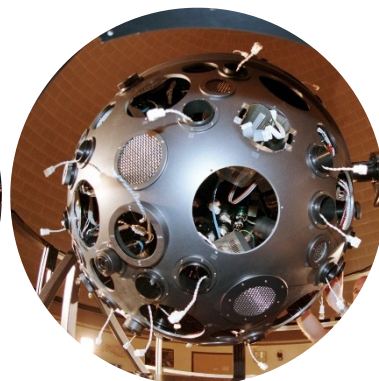
The 27th International Planetarium Society conference is destined to be very special as it lies in the middle of the centennial celebration of the first projection planetarium. Berlin, a truly special city of reunification, along with Jena, the city where the projection planetarium was born, are therefore bidding together to organize IPS 2024. We believe that hosting will be a wonderful opportunity for all delegates to learn, network and grow as planetarians. It will also be an opportunity to discover Europe, and the country where our profession was born, and to work together to guide us forward into the next 100 years.

The Stiftung Planetarium Berlin (SPB - Berlin Planetarium Foundation) is a new foundation, created in 2016, but grounded in the history of three unique astronomical locations dating back as far as 1896. SPB serves around 400,000 visitors each year. Zeiss-Planetarium Jena opened in 1926, serves around 150,000 visitors each year, and hosts the popular Jena Fulldome Festival. Both the SPB and Planetarium Jena strive to share our passion for the cosmos and science with everyone who comes through our doors, and to inspire them to keep looking up and exploring the universe. This passion will, of course, serve us and participants well in hosting IPS 2024.

We believe that the planetariums and astronomical facilities of Jena and Berlin embody everything that the planetarium field and community represent – innovation, accessibility, and a passion to inspire critically thinking lifelong learners from all over the world. Participants will have the opportunity to immerse themselves in the history and innovation of the planetarium world in Jena, and come together and work as one community in the undivided city where everyone from all over the world is welcome to be themselves.

In Jena, visitors can enjoy

- The large Zeiss-Planetarium Jena, equipped with both opto-mechanical and two fulldome digital systems.
- A historical look at how optics and the planetarium have developed over the years, as well as what the future holds.
- A beautiful on-site restaurant and summer garden perfect for networking with colleagues.



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In Berlin, visitors can enjoy

- Three permanent planetariums, all of which will be equipped with state-of-the-art technology (one of which was newly renovated 2016 with continuous technology updates since, one of which will be completely newly renovated before 2024, and the smallest, which will also boast new state-of-the-art technology by 2024).
- Two large, historical, functioning observatories, including the oldest, longest moving refractor in the world.
- A cinema
- An Indoor Amphitheater (new by 2024)
- Permanent and temporary exhibitions focused on the study of astronomy and space science
- Our INTENSE Mobile Science Theater dome specially set up for any children who join their parents at the conference.



More permanent domes than ever before

Between pre- and post-conference activities, as well as during the conference itself, visitors will have the chance to experience innovation, technology, and best practices in the planetarium field.

- The Zeiss-Jena Planetarium offers a 23 m (75.5 ft) dome with 261 seats. It is the perfect location to admire the works at the fulldome festival and to host the one-day IMERSA event.
- The Zeiss-Großplanetarium (Large Planetarium) offers a 23 m (75.5 ft) dome with 307 seats. It also has a 160 seat cinema.
- The Planetarium am Insulaner offers a 20 m (65.6 ft) dome with 270 seats.
- The Zeiss-Kleinplanetarium (Small Planetarium) at the Archenhold-Sternwarte is an intimate 8 m (26 ft) dome with 38 seats.

Stiftung Planetarium Berlin

A team with experience and passion

Our teams in Berlin and Jena are always enthusiastic in sharing our organizations with others, both guests and colleagues alike. Zeiss-Planetarium Jena and the sites of the Stiftung Planetarium Berlin regularly host large special events, both corporate and public, making the entire team extremely capable with large events. This knowledge and skill becomes clear when one looks at the experience of those planning IPS 2024.

Zeiss-Planetarium Jena hosts many events every year, most notably the extremely successful Fulldome Festival. This festival has delighted participants for almost 15 years. Director Stefan Harnisch works with his team and the Fulldome Festival team to ensure that everything runs smoothly for its 250+ attendees.

The Stiftung Planetarium Berlin has a team with experience hosting multiple conferences. President and Executive Director Tim Florian Horn organized the GDP annual conference in Berlin for over 120 delegates in 2017. Project Director Anna Green hosted the Pleiades National Planetarium Conference for over 400 US-American and International attendees at the Saint Louis Science Center's McDonnell Planetarium in the United States. Finally, Special Events Director Florian Seeber has years of experience hosting events in Berlin, and has planned numerous 1,000+ attendee events at the SPB. Thanks to Herr Horn and Herr Seeber, the Stiftung Planetarium Berlin has also been home to yearly educational conferences as well as climate change seminars.

Herr Horn, Herr Seeber, Frau Green, and Herr Harnisch, of course, are not planning this conference alone. Both sites have exceptionally dedicated, talented, and eager teams. No matter what department, everyone works together and is happy to help. The teams at both sites are very much looking forward to working together to host IPS in 2024!

With the experienced Stiftung Planetarium Berlin and Zeiss-Planetarium Jena teams, IPS can feel confident that a conference hosted by Berlin and Jena will be of the absolute highest caliber.



United Under the Sky: a program with something for everyone

Planetariums have transformed into palaces of wonder, knowledge, and even entertainment over the last 100 years. They are a place where everyone is welcome marvel at the sky and our universe (and even other subjects like the human body and aquatic life). It doesn't matter who you are, where you are from, what you look like, and what you believe; the sky belongs to everyone.

We have chosen the theme **United Under the Sky** for IPS 2024. We feel it truly sets the tone for not just the conference, but the next 100 years of planetaria. We planetarians are united in our common goal of sharing our passion for astronomy with others. When we work together with our colleagues all over the world, we see the most success. It is in sharing our diversity that planetariums and planetarians are able to shine.

The sky is what brings us together, but **United Under the Sky** also has another meaning for us here in Berlin and Germany. 2024 will also be the 35th anniversary of the fall of the Berlin Wall. For 40 years, Berlin was a divided city and Germany a divided country. It did not matter if you were in the East or the West; the beautiful sky was still something that could be shared. We feel that bringing everyone together from all over the world (East and West) here in Berlin and Jena during the Centennial of the Planetarium and the 35 Year Anniversary of the beginning of reunification makes perfect sense. We would like to share our joy with you and celebrate together. We are indeed, **United Under the Sky**.

During the IPS 2024 Conference, it is our goal to enable participants to explore new and different ways to work together. Naturally, we will continue to learn about best practices and new technology. However, we want everyone in our community to be able to branch out and make new connections around the world to create the best programs for our planetarium visitors. You will notice in the schedule that there is ample time for networking, getting to know new colleagues, and also time for special interest groups to meet. We are also offering language support and mentoring to help facilitate discussions and break the ice for those who may not feel comfortable doing so on their own.



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The Conference

The conference will begin on the evening of Sunday, 16 June 2024 and end the evening of Thursday, 20 June 2024. There are pre-conference activities the week leading up to the conference, and post-conferences tours the Friday and Saturday after the conference. All participants will receive a week pass for the public transportation system in Berlin. Anytime the group needs to move from one location to the other, local staff members will be traveling with them to help make the process easy and seamless.



Sunday Evening 16 June 2024

Check-In opens. New members are invited to attend a short orientation meeting and mentor introductions will be made. As the orientation meeting ends, the Opening Ceremonies and Welcome Reception begin. After the reception ends, the first keynote speaker will give their talk. Finally the evening will end with a preliminary visit to the Sponsor Hall.

Monday 17 June 2024

Monday's schedule includes the second keynote speaker and time in the Sponsor Hall. In the afternoon, the group will be divided in two. Half will go to the Planetarium am Insulaner and the other half will go to the Zeiss-Großplanetarium. At both locations, participants will take part in sponsor demos and also in paper talks. All paper talks will occur at one dome and be dome cast to the other, so that nobody misses out on any presentations they may want to see. At the end of the day, optional tours of the facilities will be available. Food trucks will also be on-site for participants to grab dinner. Finally, attendees will be invited to enjoy the programs of the Fulldome Festival winning entries.

Tuesday 18 June 2024

The morning starts with paper sessions, sponsor sessions and Sponsor Hall time. Early in the afternoon, participants will embark on their mid-conference tours all around Berlin (with local guides). After the tours, the group will meet up at the Archenhold-Sternwarte (Observatory) for the group photo, tours of the museum and historic observatory, and a Grillfest/Biergarten evening where networking and camaraderie are highly encouraged!

Wednesday 19 June 2024

All parts of the program take place at the conference center. The day is full of paper sessions, workshops, and a very important keynote speaker on diversity and inclusion in our field. Poster papers can be viewed all week, but Wednesday has dedicated time for the posters. Wednesday is also when the IPS Business Meeting will take place, as well as Working Groups and Special Interest Group meetings. Participants can visit the site of the Space Explorer's Day Camp where the young space scientists will share what they have been working on all week. Attendees will enjoy dinner on their own at one of the many delicious restaurants on-site at Estrel or nearby in the city. The evening ends with a cocktail party in the Sponsor Hall, where sponsors can share cocktails and drinks that they feel best represent their countries while participants get a last chance to check out the Sponsor Hall while enjoying the party.

Thursday 19 June 2024

The last day begins with the final keynote speaker and brunch. After brunch, participants will travel to either the Planetarium am Insulaner or the Zeiss-Großplanetarium: whichever they have yet to see. There they will experience sponsor demos and take part in more dome-casted paper sessions followed by optional tours of the facilities. Then participants can return to the Estrel to freshen up and prepare for the gala dinner. The group will depart together and head to the chic Wasserwerk locale for an evening of closing ceremonies, delicious food and drink, dancing and time to network and celebrate with colleagues.



Stiftung Planetarium Berlin

Pre-Conference Activities

The pre-conference activities take place from 12-16 June 2024, and begin where the projection planetarium was born: in Jena, Germany. The festivities start with the famous Fulldome Festival, held at a special in 2024 for IPS attendees! The festival takes place at the Zeiss-Jena Planetarium and will include entries from around the world. The program begins with a tour of where it all began: the Zeiss factory! Much like the tour of the GOTO factory during IPS 1996 in Osaka, Japan, participants will see firsthand what goes into creating the technology we use every day in our domes, and also how our field got started!

From 12-14 June, participants will see groundbreaking fulldome works, network with colleagues, and experience the culture and entertainment that Jena has to offer!

A special one-day IMERSA workshop will be held on 15 June 2024. Where better to hold this workshop than at the home of the Fulldome Festival: the Zeiss-Planetarium Jena? Here, attendees will immerse themselves (no pun intended) in the world of fulldome and explore new and best practices. The day will end with a combined Fulldome Festival, IMERSA gala dinner, and awards ceremony for the winning festival entries, followed by an evening of celebration. Also, on Saturday 15 June, sponsors will be able to start setting up their booths in the Sponsor Hall at Estrel Berlin.

On 16 June 2024, a one-day LIPS (Live Interactive Planetarium Symposium) workshop will be held at the SPB's newly renovated education center: the Planetarium am Insulaner. Here, participants will dive deep into presenting live planetarium shows, learning about best practices, and perhaps even creating new best practices. The day will end with the participants arriving at the Estrel Berlin for the IPS 2024 conference opening ceremony and activities.

The IPS Board will have its meeting 15-16 June 2024 in Berlin at the Archenhold-Sternwarte. The historic Archenhold Observatory—home to Einstein's Berlin lectures on the Theory of Relativity—is the perfect place for the Board to make plans for IPS and continue the work needed to make the next century even more groundbreaking and amazing than the first century.



Mid-Conference Tours

Of course, if one is traveling to another city, country or even continent, one needs to see at least a little of where they are staying outside of the conference facilities! Therefore, we have put together mid-conference tours for IPS participants that are beloved by tourists and our team here in Berlin alike.

Berlin Underground Tour

The Berlin Underground tours are truly an experience! A passionate and experienced tour guide will take you to see the hidden war bunkers and locations of Berlin Wall escape tunnels located under the surface of the city. Along the way, you will learn about the history of the city, why these underground areas came to be, and what they meant, and still mean, to Berlin. This tour is limited to two 60-person groups and includes a box lunch.

The Berlin Wall Tour

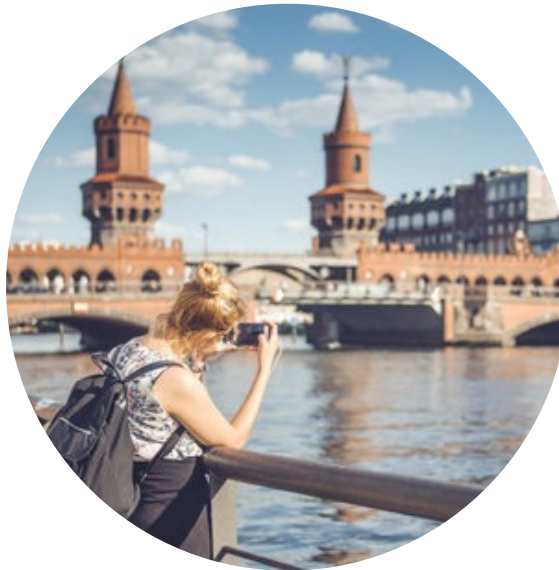
Berlin is, of course, famous for the Wall. 2024 is not only part of the centennial celebration of the planetarium; it is also the 35th anniversary of the fall of the Berlin Wall. This tour (which is also tactile for those who are blind or have low vision), takes visitors along where the wall once stood to visit archeological dig sites, to see artifacts left by the wall, and to learn the stories of what it was like to live in both East Berlin and West Berlin. This tour is limited to three 60-person groups and includes a box lunch.



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Spree River Tour

One of the most popular and beautiful ways to really see Berlin is with a Spree boat tour. The three-hour tour includes the audio guide, which is available in German, English, Italian, French, Spanish, Russian, Polish, Hebrew, and Turkish. At the end of the tour, the boats will dock in Treptower Park: the location of the Archenhold-Sternwarte and that evening's activities! This tour is limited to two 150-person groups and includes a box lunch.



Sanssouci Tour

Sanssouci is a beautiful palace in Potsdam, surrounded by sprawling and lush gardens... plus more palaces! If you desire the royal treatment, this tour is for you! The group will be bussed to Potsdam for a guided tour and then directly to the Archenhold-Sternwarte afterward for the evening's festivities! This tour is limited to one 55-person group and includes a box lunch.



Stiftung Planetarium Berlin

Looking for something else?

Perhaps these tours aren't quite what you are looking for? Not to worry! Berlin has hundreds of museums and cultural centers that are easy to get to with your public transportation pass. Berlin is a large city with anything and everything you could possibly imagine. We are happy to help everyone find something that is just right for them!



Post-Conference Tours

What would an IPS Conference be without an interesting post conference tour that takes us deeper into our field? We have two exciting post conference tours planned for participants!

Tour #1: The Early Astronomy and Planetaria Experience (Currently limited to 65 participants)

Day 1

The tour begins by traveling to the city of Halle, Germany. Halle is where the famous Nebra Sky Disk is on display. The Nebra Sky Disk is a bronze disk that is about 3,600 years old. Scientists discovered that the disk was a complex astronomical clock used to synchronize solar and lunar calendar. It is the oldest visual representation of the cosmos known to date.

After seeing the Nebra Sky Disk, the tour will travel to Nebra, where the disk was discovered. After enjoying lunch, participants will be able to explore the dig site on a special tour. There will also be time to enjoy the museum (including the planetarium) to learn more about the bronze disk of Nebra.

Next, the tour will continue on to Goseck, where it will first visit the Goseck Palace to learn more about the history of the town. After settling into the hotel and enjoying dinner, the tour heads back out, this time to the Goseck Circle: the oldest known solar observatory in the world. Participants will go on a guided tour of the Goseck Circle (also known as Goseck Henge). After the guided tour, participants can enjoy the sunset from within the ancient solar observatory, followed by stargazing.



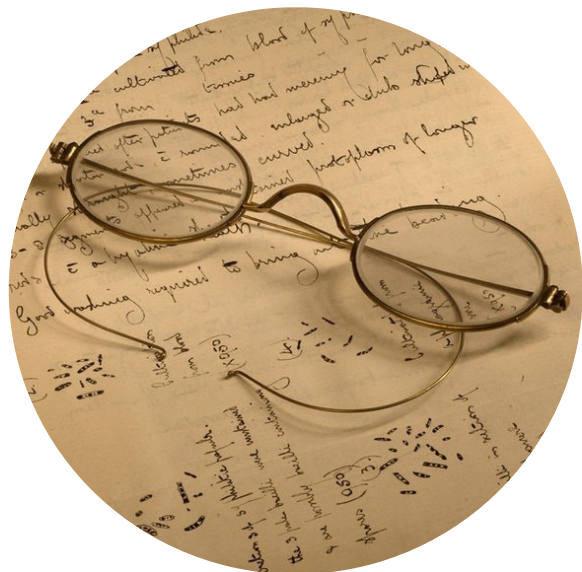
Stiftung Planetarium Berlin

Day 2

After breakfast, the tour will travel to the nearby birthplace of the projection planetarium: Jena. Here the tour will stop to visit the famous Cosmorama in the Goethe Gallerie (no visit to Jena is complete for any planetarian without taking a Cosmorama Selfie!), and then head over to the Optics Museum. The museum will have just reopened early that year, and visitors will be able to browse the museum and learn about what goes into creating perfect optics, how they are used differently, and yes, even what role they play in planetariums.

Once the visit to Optics Museum has wrapped up, the group will head to the City Museum of Jena. Visitors can learn what Jena has been like at different points in its history, see the Seven Headed Dragon (one of the other wonders of Jena), learn what life was like living in East Germany, and experience a 1800's optics workshop.

Next the group will enjoy a traditional Thüringen (the German State where Jena is located) style lunch, and then make their way to the Zeiss-Planetarium Jena. After a brief history and tour, the group will enjoy a program together in the dome before making the trip back to Berlin.



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Tour #2: Astronomy in Modern Times

(Currently limited to 65 Participants)

Day 1

This tour begins with a beautiful drive through northern Germany to get to Hamburg. The tour will arrive in Hamburg just in time to enjoy a delicious lunch along the city's scenic waterfront. After lunch, participants will head over to the world-famous Planetarium Hamburg. The visit will begin with a tour of the planetarium and its history, including marveling at the artwork that adorns the building as well as taking a trip up to the observation deck and the old water tower. After the building tour, participants will enjoy a show in the planetarium itself and get to experience the technology and newest offerings of Planetarium Hamburg.

Next, the tour will make a brief stop to check into the hotel, then enjoy a lovely dinner together, followed by traveling to the Observatory of Hamburg. The participants will learn about the history of the observatory followed by an evening of observation and camaraderie.



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Day 2

After breakfast, the group will enjoy another scenic ride to the city of Potsdam. Upon arrival, the tour will enjoy the beauty, diversity and history of the buildings and sights of the city center, as well as lunch. Following some time in the city center, the group will head to the Urania Planetarium to learn about the university, and, naturally, the planetarium itself.

After visiting the planetarium, the tour will make its way to the Leibniz Institute for Astrophysics to learn about the research being conducted there as well as visiting the historical instruments located in their on-site observatory.

Finally, the tour will head back to Berlin, where participants can meet up with those on the other tour and enjoy an evening exploring the city on their own.



IPS 2024 Schedule

Fulldome Festival in Jena and Pre-Conference Trip

Wednesday 12 June 2024

Time	Event	Location
9:00-16:30	Fulldome Festival Check-In	Zeiss-Planetarium Jena
12:00-12:30	Travel to ZEISS Factory	Carl Zeiss Jena
12:30-13:30	Lunch	Carl Zeiss Jena
13:30-18:30	ZEISS Visit	Carl Zeiss Jena
18:30-20:00	Dinner	On your own
20:00-23:59	Festival Opening Night	Zeiss-Planetarium Jena

Thursday 13 June 2024

Time	Event	Location
9:00-16:30	Fulldome Festival Check-In	Zeiss-Planetarium Jena
10:00-13:00	Frameless Forum	Zeiss-Planetarium Jena
13:00-14:00	Lunch	Restaurant Bauersfeld
14:00-18:00	Fulldome Shows Viewing	Zeiss-Planetarium Jena
18:30-20:00	Dinner	Restaurant Bauersfeld/On your own
19:30-open	Fulldome Show/DJ Night	Zeiss-Planetarium Jena

Friday 14 June 2024

Time	Event	Location
9:00-16:30	Fulldome Festival Check-In	Zeiss-Planetarium Jena
10:00-13:00	Frameless Forum	Zeiss-Planetarium Jena
13:00-14:00	Lunch	Restaurant Bauersfeld
14:00-18:00	Fulldome Shows Viewing	Zeiss-Planetarium Jena
18:00-19:30	Dinner	Restaurant Bauersfeld/On your own
19:30-open	Fulldome Show/Fulldome in Concert	Zeiss-Planetarium Jena
22:00-00:30	Train to Berlin for those not staying for IMERSA	Jena Paradies-Berlin Hbf

IMERSA in Jena and IPS Board in Berlin

Saturday 15 June 2024

Time	Event	Location
9:00-11:30	Train to Berlin	Jena Paradies-Berlin Hbf
9:00-14:00	Check-In	Zeiss-Planetarium Jena
9:00-12:30	IPS Board Meeting	Archenhold-Sternwarte (Berlin)
9:00-10:15	IMERSA Session #1	Zeiss-Planetarium Jena
10:15-10:30	IMERSA Coffee Break	Zeiss-Planetarium Jena
10:30-11:45	IMERSA Session #2	Zeiss-Planetarium Jena
11:45-12:45	IMERSA Lunch	Zeiss-Planetarium Jena
12:30-13:30	IPS Board Lunch	Archenhold-Sternwarte (Berlin)
13:00-14:15	IMERSA Session #3	Zeiss-Planetarium Jena
13:30-17:30	IPS Board Meeting	Archenhold-Sternwarte (Berlin)
14:15-14:30	IMERSA Coffee Break	Zeiss-Planetarium Jena
14:30-15:45	IMERSA Session #4	Zeiss-Planetarium Jena
16:00-16:15	IMERSA Coffee Break	Zeiss-Planetarium Jena
16:15-17:30	IMERSA Session #5	Zeiss-Planetarium Jena
17:30-19:00	FD/IMERSA Gala Dinner, Janus-Award Ceremony/VJ Dome special	Restaurant Bauersfeld & Zeiss-Planetarium Jena
20:00-22:30	Train to Berlin	Jena Paradies-Berlin Hbf

Sunday 16 June 2024

Time	Event	Location
8:00-16:30	Sponsor Hall Setup	Conference Center
9:00-11:30	Train to Berlin	Jena Paradies-Berlin Hbf
9:00-12:30	IPS Board Meeting	ASTW
9:00-12:00	Check-In for LIPS Pre-Conference Workshop	Planetarium am Insulaner
9:30-16:30	LIPS Pre-Conference Workshop	Planetarium am Insulaner
12:30-13:30	Lunch for IPS Board	ASTW
13:30-16:30	IPS Board Meeting	ASTW
15:00-17:30	Sponsor Check-In	Conference Center
15:00-20:30	Delegate Check-In	Conference Center
17:00-17:30	New Member Orientation	Conference Center
17:30-19:00	Welcome Reception	Conference Center
19:00-20:00	Keynote Speaker #1	Conference Center
20:00-21:30	Sponsor Hall Visit*	Conference Center

* Sponsor Hall is open at all times when at the Conference Center except during meals.

Conference in Berlin

Monday 17 June 2024

Time	Event	Location
8:00-16:30	Check-In	Conference Center
8:30-20:30	Space Explorers Day Camp	Conference Center
9:00-10:00	Keynote Speaker #2	Conference Center
10:00-11:00	Sponsor Hall Visit with Coffee	Conference Center
11:00-12:00	Lunch	Conference Center
12:00-12:40	Transfer to Planetarium am Insulaner / Zeiss-Großplanetarium Based on Grouping	Planetarium am Insulaner / Zeiss-Großplanetarium
12:40-13:40	Paper Session #1 with Domecasting Live Streaming	PAI Planetariumsaal / Gathering area (skype) & ZGP Planetariumsaal/ Kino
13:50-15:35	Sponsor Session #1a&b	PAI Planetariumsaal / Gathering area (skype) & ZGP Planetariumsaal/ Kino
15:35-15:50	Break	Planetarium am Insulaner / Zeiss-Großplanetarium
15:50-16:50	Paper Session #2 with Domecasting Live Streaming	PAI Planetariumsaal / Gathering area (skype) & ZGP Planetariumsaal/ Kino
16:50-17:05	Break	Planetarium am Insulaner / Zeiss-Großplanetarium
17:05-18:45	Sponsor Session #1a&b	PAI Planetariumsaal / Gathering area (skype) & ZGP Planetariumsaal/ Kino
18:55-19:55	Paper Session #3 with Domecasting Live Streaming	PAI Planetariumsaal / Gathering area (skype) & ZGP Planetariumsaal/ Kino
20:00-22:00	Viewing of Fulldome Festival Winning Entries and Tours of the Observatory (Optional)	Planetarium am Insulaner & Wilhelm-Foerster Sternwarte / Zeiss-Großplanetarium
	Food Trucks available to purchase dinner/Dinner on your own (Starting at 19:55)	

Stiftung Planetarium Berlin

Tuesday 18 June 2024

Time	Event	Location
8:00-16:30	Check-In	Conference Center
8:30-20:30	Space Explorers Day Camp	Conference Center
9:00-10:00	Sponsor Hall Visit with Coffee	Conference Center
10:00-11:00	Paper Session #4	Conference Center
11:10-11:55	Sponsor Session #2	Conference Center
11:55-12:15	Break	Conference Center
12:15-13:15	Paper Session #5	Conference Center
13:15-13:45	Pick-up Box Lunch	Conference Center
13:15-17:30	Mid-Conference Tours	Berlin/Potsdam
13:30-16:30	Berlin Underground Tours	Berlin
13:30-16:30	Berlin Wall Memorial Tour	Berlin
13:30-16:45	Spree River Boat Tours of Berlin (Boat 1)	Berlin
13:45-17:00	Spree River Boat Tours of Berlin (Boat 2)	Berlin
13:30-17:00	Sanssouci Tour	Potsdam
18:00-18:45	Group Photo	Archenhold Sternwarte
16:30-18:00, 18:45-20:00	Exploration of Museum and Tours of Observatory	Archenhold Sternwarte
19:00-21:30	Grillfest/Biergarten at Archenhold Sternwarte	Archenhold Sternwarte

Wednesday 19 June 2024

Time	Event	Location
8:00-16:30	Check-In	Conference Center
8:30-20:30	Space Explorers Day Camp	Conference Center
9:00-10:00	Paper Session #6	Conference Center
10:00-10:20	Break	Conference Center
10:20-11:35	Paper Session #7	Conference Center
11:45-12:45	Special Interest Groups and Working Committees	Conference Center
12:45-14:45	Lunch, IPS Business Meeting, & Awards	Conference Center
14:45-15:45	Workshops round 1	Conference Center
15:45-16:45	Poster Papers with Coffee	Conference Center
16:45-17:45	Workshops round 2	Conference Center
17:55-18:55	Keynote Speaker #3: Diversity and Inclusion within Museums, Science, Astronomy and Planetaria	Conference Center
18:55-20:30	Dinner, Networking Visitation of Space Explorers Camp Exhibit until 20:00 (Optional)	Conference Center

Stiftung Planetarium Berlin

Thursday 20 June 2024

Time	Event	Location
8:00-16:30	Check-In	Conference Center
8:30-20:30	Space Explorers Day Camp	Conference Center
9:30-11:00	Brunch and Keynote Speaker #4	Conference Center
11:00-11:40	Transfer to Planetarium am Insulaner/ Zeiss-Großplanetarium Based on Grouping	Conference Center
11:40-12:40	Paper Session #8 (with Domecast)	PAI Planetariumsaal/ Gathering area (skype) & ZGP Planetariumsaal/ Kino
12:50-14:25	Sponsor Session #3a&b	PAI Planetariumsaal/ Gathering area (skype) & ZGP Planetariumsaal/ Kino
14:25-14:45	Break with Snacks	Zeiss-Großplanetarium/ Planetarium am Insulaner
14:45-16:20	Sponsor Session #3a&b	PAI Planetariumsaal/ Gathering area (skype) & ZGP Planetariumsaal/ Kino
16:20-17:15	Tours of the Observatory (Optional)	Planetarium am Insulaner/ Wilhelm-Foerster-Sternwarte/ Zeiss-Großplanetarium
17:15-18:45	Time to Prepare for Gala	Berlin
18:45-19:30	Travel to Gala	Berlin
19:30-23:00	Gala	Wasserwerk

Post-Conference Tour #1

Friday 21 June 2024

Time	Event	Location
8:30-10:30	Travel from Berlin to Halle	Berlin, Germany
10:30-12:00	Halle Sky Disk Landesmuseum für Vorgeschichte	Halle, Germany
12:00-13:00	Travel to Nebra	
13:00-14:15	Lunch Nebra Arc	Nebra, Germany
14:15-16:45	Nebra Arc – Experiencing the Sky Disk Tour of the Museum including Planetarium Tour of the Dig Site	
16:45-17:30	Travel from Nebra to Goseck	
17:30-18:30	Introduction to the Goseck Circle Schloss Goseck	Goseck, Germany
18:30-19:30	Check-In at Hotel	
19:30-20:30	Dinner	
21:00-23:00	Goseck Circle Tour, Sunset, Stargazing	
23:00-23:30	Return to Hotel	

Stiftung Planetarium Berlin

Saturday 22 June 2024

Time	Event	Location
7:30-9:00	Breakfast	Goseck, Germany
9:00-10:00	Travel to Jena	
10:00-11:45	Cosmorama and Optik Museum	Jena, Germany
11:45-13:00	Jena City Museum	
13:00-14:00	Lunch	
14:00-14:30	Travel to Planetarium	
14:30-16:00	Planetarium Jena	
16:00-19:00	Travel back to Berlin	

Post-Conference Tour #2

Friday 21 June 2024

Time	Event	Location
9:00-12:30	Travel from Berlin to Hamburg	Berlin, Germany
12:30-14:00	Lunch	Hamburg, Germany
14:30-16:30	Planetarium Hamburg	
16:30-17:30	Hotel Check-In	
18:00-20:00	Dinner	
20:00-22:30	Hamburg Observatory	
22:30-23:00	Return to Hotel	

Saturday 22 June 2024

Time	Event	Location
7:30-9:00	Breakfast	Hamburg, Germany
9:00-12:30	Travel to Potsdam	Potsdam, Germany
12:30-13:30	Lunch	
13:15-16:00	Urania Planetarium and the City Center	
16:30-18:00	Leibniz Institute for Astrophysics Potsdam Einstein Tower	
18:00-19:00	Travel back to Berlin	

Stiftung Planetarium Berlin

Location, Location, Location

Since the Stiftung Planetarium Berlin has three campuses that we want everyone to be able to experience, we have decided it is also important to have a centrally located conference center be the "home base" point.

Participants will have the opportunity to visit all locations throughout the conference. At all conference locations, participants will find a quiet low-stimulus room, as well as a private space for nursing mothers. Estrel Berlin, Zeiss-Großplanetarium and Planetarium am Insulaner are completely barrier free (flat with wheelchair access and/or equipped with elevators). All sessions will be captioned and hearing assistance devices, translation services for some programs, and sighted guides can be provided upon request. We also welcome any service animals. The Archenhold-Sternwarte is almost entirely barrier-free, with accommodations planned for anyone unable to use stairs and wishing to go on a tour of the observatory. The Wilhelm-Foerster-Sternwarte is unfortunately at this time not completely barrier-free; however, accommodations are being researched to ensure those wishing to tour the facility will have an opportunity.

Estrel Berlin

The central location, or home base, of the conference is planned to be at the Estrel Berlin Congress Center and Hotel. The Estrel Congress Center is Berlin's top event location, hosting more than 1,600 events each year, and the Estrel Berlin is Germany's largest and foremost hotel of the capital. Located on the world-famous Sonnenallee, Estrel Berlin is situated perfectly between all three of the Stiftung Planetarium Berlin sites. Connected to the S-Bahn, it is an easy train ride to any of the other conference locations in the city. It also has views of the water with pleasant walking paths, a dock for boat tours, and several different restaurants and bars that can meet any taste buds' demands.



Stiftung Planetarium Berlin

Check-In and Information

Spacious and full of natural light, Foyer 4 is the ideal place for check-in and information. Attendees will always find friendly and helpful staff, happy to welcome everyone and answer any questions they may have. It also serves as a great meeting point for attendees to find each other.

Sponsor Hall and Trade Show*

Spanning three levels, Convention Hall II features a central 49,500 ft² (5499 m²) cantilevered hall with capacity for 5,000 people. The roof of the cantilevered hall spans 82 yards (75 meters) and features 96 suspension points with an overall bearing capacity of up to 2,756 lbs (1,250 kg). In other words, the 11 yards high (10 meters high) ceiling is capable of supporting the weight of 100 automobiles! There is plenty of space here for all sponsors to display their exciting products (including mobile domes) and to meet with attendees. Electricity, internet (WiFi and wired), and equipment for all other technical needs are available. The hall also has a PA system for announcements. Just on the other side of the Sponsor Hall will be the dining area – spacious and the perfect place for meeting new colleagues during meals. In the dining area, a stage with screens, projectors, microphones and an excellent sound system will be available, too.



Technology Available

- Power
- Wi-Fi
- Wired Internet
- Tech Support
- Lifts for set up and tear down
- Loading dock
- Other technical needs can be met upon request

Stiftung Planetarium Berlin

Note: During meals, the Sponsor Hall will be closed so that the sponsors may also enjoy their meals with colleagues and friends.

Poster Papers, All-day Refreshments

With 11,300 ft² (1,050 m²) of state-of-the-art function space, the Hall Europe offers the same excellent spectrum of features as the other event rooms and has space for up to 1,160 guests. Here, attendees can enjoy coffee, tea, soda or water (available all day, every day) and a small snack while exploring the poster papers on display.

Technology Available

- Power
- Wi-Fi

Paper Sessions and Keynote Speakers

Fully climate-controlled conference rooms for events of all types. Flexible to meet the needs of every unique situation.

Auditorium

The new dual-level Estrel Auditorium (opening in 2021) will be fitted with the latest technology available. Able to accommodate 800-people, it is designed for events which require specialized facilities for workshops, seminars, or project meetings. In other words: perfect for the IPS Conference!

Technology Available

- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System

Raum 1

- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System

Raum IV

- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System

Stiftung Planetarium Berlin

Raum V

- Technology Available:
- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System

Raum 15

- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System

Raum 16

- Power
- Wi-Fi
- Wired Internet
- Laptop
- Presentation Projection System





Stiftung Planetarium Berlin

Zeiss-Großplanetarium



Planetariumsaal

Capacity: 307
23 m (75.5 ft) Dome

Technology Available

- Power
- 2 floor boxes with laptop connections (VGA + stereo jack or HDMI, electricity)
- Laptop signal output via 2x laser projection up to 1920x1200 pixels above the stage
- Dimmable sockets for lectern lighting or other applications
- Subtle stage lighting using spotlights
- Wi-Fi
- Wired Internet
- ZEISS UNIVERSARIUM Modell IX that produces a very realistic sky of 9,400 stars, planets, the Sun and the Moon. The projector is also on an elevator and can be lowered into the floor if need be.
- ZEISS VELVETs (10) 360° Fulldome digital projection with 40 megapixels over 10 projectors (2560 x 1600 pixels each)
- ZEISS SkyControl and powerdome
- Evans & Sutherland Digistar7
- SCISS (ZEISS) Uniview 2.0.27.555
- ChromaCove High Power LED Covelighting

Stiftung Planetarium Berlin

- Atmosphere 3D Sound System (49 speakers and 4 subwoofers), SpatialSoundwave 49.1, Simulation of Dolby 5.1, 7.1 etc.
- 8 analogue audio inputs on the stage (expandable to 28)
- 4 analogue audio outputs on the stage (expandable to 12)
- Yamaha QL5 mixer at the console
- Up to 6 wireless microphones can be used simultaneously
- 5 Laser projectors (with foggers)
- Air Conditioning



Stiftung Planetarium Berlin

Kinosaal

Capacity: 160
(170 m² / 1,830 ft²)

Technology Available

- NEC 2k, 3D capable digital cinema projector which can take dcp, mp4, h.264, png, tiff, DVD/Blu-Ray formats
- 6.4m x 2.6m (21 ft x 8.5 ft) screen
- 5.1, 7.1 Surround Sound
- 6 audio inputs on the stage (XLR)
- 5 speaker unit conference system
- 3 microphones for simultaneous use
- Three floor boxes on the stage with power and VGA + small stereo jack, or HDMI laptop inputs
- Lectern and furniture (armchairs, tables, etc.) for up to six people
- Full-HD or Cinema 3D-Projection
- Air Conditioning



Klubraum

Capacity: 20
(40 m² / 430.55 ft²)

Technology Available

- Power
- Wi-Fi
- Laptop
- Projector
- Screen

Stiftung Planetarium Berlin

Foyer

Capacity: 400
(800m² / 8,611 ft²)



Technology Available

- Three 16 CEE, three 32 CEE and one 125 CEE power outlets
- Four 40 inch screens (Full-HD, 16:9)
- One 80 inch screen (Full-HD, 16:9)
- Stereo sound
- mp4, h.264, jpg and png capable
- Air conditioning

Stiftung Planetarium Berlin

Planetarium am Insulaner

The entire Planetarium am Insulaner will be remodeled (though the dome will remain a size of 20 m / 65.6 ft) and all technology upgraded to the most modern available by 2024.

Furthermore, the building will also be remodeled, adding more accessible spaces to be used for breakout sessions, presentations and networking!



Wilhelm-Foerster-Sternwarte

While the Wilhelm Foerster Observatory—located just above the Planetarium am Insulaner—will not be used for sessions, optional tours will be available.

Highlights of the tour:

Bamberg Refraktor

The main instrument of the Wilhelm Foerster observatory is the so-called Bamberg refractor, a 12-inch (30.5 cm) lens telescope with a five-meter focal length. It was built in 1889 by the Carl Bamberg company in Berlin-Friedenau for the newly founded Urania. The telescope, with its mount, weighs 4.5 tons (4.1 tonnes), but can still be moved easily with one hand. The public tours in the 11 meter (36 ft) observatory dome use magnifications of 70 to 700 times as required.



6-inch double refractor

A 6 inch (15.25 cm) double refractor is located in the smallest dome of the Wilhelm Foerster observatory, measuring five meters in diameter. This telescope, with a 2.25-meter focal length (7.4 ft), is used only for amateur observations. The optics in one of the telescopes are remarkable. With a 3-lens ZEISS B lens system, they have outstanding image quality and sharpness. The second telescope of the double refractor is equipped with a 15 cm (5.9 in) lens from Wolfgang Busch with a of 2.3-meter (7.5 ft) focal length. Another refractor telescope is mounted next to it: a 12 cm (4.7 in) refractor with a 1.82 meter (6 ft) focal length for Hydrogen-Alpha solar observation, which is equipped with a Halle-Lyot filter.

ZEISS RC mirror telescope

The 7 m (23 ft) observatory dome has a 75 cm (29.5 in) opening and houses a ZEISS RC mirror with a 5.6-meter (18.4 ft) focal length, and computer controlled drives. The mirror telescope—with its excellent image quality—was used for tours as well as for amateur observations, especially for astrophotography.

Archenhold-Sternwarte

The Archenhold-Sternwarte (the oldest and largest public observatory in Germany) will be the location of the group picture and a Grillfest/Biergarten evening so that we may celebrate in one of our favorite ways with attendees! No sessions will be hosted here, but tours will be offered and networking, comradery and fun are highly encouraged (vegan food and non-alcoholic beverage options will be plentifully available)!

Highlights of the Tour:

Giant Telescope

The heart of the Archenhold observatory is the Treptower giant telescope. Originally just one exhibit of the Treptow industrial and commercial exhibition, which was organized in 1896, the device remained in Treptower Park after the end of the exhibition and became the nucleus of today's observatory. The observatory's founder was astronomer Friedrich Simon Archenhold (1861 - 1939). With a 21-meter (68.9 ft) focal length, the device is the longest fully movable lens telescope in the world and is still in use. It is mainly used for public observations from late fall through early spring. Its unique construction served as a model for the Zeiss relief mount for large telescopes, which was developed in 1900. Its optics make the device ideal for observing planets, the moon and double stars. The Giant refractor is also sometimes affectionately referred to as the Himmelskanone or the Celestial Cannon due to its appearance above the main building of the observatory.

Optical data: Steinheil lens, $d = 680 \text{ mm} / 26.8 \text{ in}$ (reduced to $580 \text{ mm} / 22.8 \text{ in}$ due to damage), $f = 21,000 \text{ mm} / 826.8 \text{ in}$; Mount F. Meyer / C. Hoppe, Berlin



Stiftung Planetarium Berlin

500 mm mirror telescope

The 500 mm (19.7 in) mirror telescope was set up on the outside of the observatory in the early 1960s to replace the giant telescope, which was temporarily shut down at the time. This telescope is particularly suitable for the observation of so-called deep sky objects - stars, nebulae and galaxies, but planets or the moon can also be observed very well with it. The possible magnifications are between approximately 120 and 470 times. The 500 mm mirror telescope is a Cassegrain, and is the most frequently used instrument by visitors as well as by amateurs.

Optical data: Zeiss primary mirror, $d = 500$ mm (19.7 in), $f = 7,500$ mm (295.3 in); Mount and dome: Zeiss / Jena

Cabinet of solar physics

The Sun Physics Cabinet, built in 1965, is used only for observing the sun. Here you can observe the sun in different ways: a so-called Jensch coelostat captures the sun's light and reflects it into the building through a 150 mm (6 in) lens. In the auditorium of the cabinet, an approximately 80 cm (31.5 in) large image of the sun is projected on a screen, which clearly shows the sunspots, the limb darkening and prominences. With an upstream H- α filter and a camera, flares and convection cells also become visible. In addition, the Solar Physics Cabinet has a 4-prism spectrograph that generates an almost 2 m (6.6 ft) long solar spectrum in which hundreds of Fraunhofer lines are visible.

150 mm Coudé refractor

The 150 mm (6 in) Coudé refractor stands under a 3 meter (9.8 ft) dome in the outdoor area. Its beam path is deflected into the hour axis of the mount with two mirrors. This makes the device very compact and offers a comfortable view. The optically excellent telescope is primarily used by working groups and amateur astronomers for observing the sun and planets.

Optical data: Zeiss AF lens, $d = 150$ mm (6 in), $f = 2,250$ mm (88.6 in); Mount and dome: Zeiss / Jena

Radio telescope

A radio telescope is mounted on the roof of the observatory. Its 1,880 mm (74 in) parabolic antenna is set up to receive the 2.6 cm (1 in) radiation from the sun (11.6 GHz). It can be used to observe the radio radiation down to the bottom chromospheric layer of the sun. The radio telescope is mainly used for demonstration purposes.

Astrograph

The so-called astrographic dome is also on the roof of the main building. Astrographs were used for sky photography. Under the conditions of the big city (light pollution) and in the age of digital cameras, however, this technology is becoming less important. Therefore, only the guide scope is in operation today. Its optics are ideal for the observation of planets.

Optical data: Steinheil lens, $d = 104$ mm (4.1 in), $f = 1,400$ mm (55.1 in), mount and dome: Zeiss / Jena

Stiftung Planetarium Berlin

The Zeiss-Kleinplanetarium (Zeiss Small Planetarium)

The Zeiss small planetarium was the first of its kind in East Germany when built in 1957, and is in an extension of the observatory. It has an 8 meter (26.2 ft) dome and can accommodate 38 visitors.

The star projector is a Zeiss ZKP-2 device from 1982. It can be used to project the entire northern or southern starry sky as well as the sun, moon and planets. The ZKP-2 will soon be retired after its many years of service, however, to make way for a new modern projection system to be installed by the end of 2022.



Einsteinsaal

On June 2, 1915, Albert Einstein gave his first (out of four) public Berlin lectures on the theory of relativity in the large lecture hall of the Treprow Observatory. Until 1933, around 30 articles on Einstein's theory of relativity and its consequences for astronomy appeared in the journal *Das Weltall* (The Universe), published by Friedrich Simon Archenhold. On March 15, 1979, the hall was given the name »Einsteinsaal« (Einstein Hall) to mark the occasion of Einstein's 100th birthday.



Stiftung Planetarium Berlin

Museum in the Archenhold observatory

Astronomy is observing and measuring - that is the central theme of the permanent exhibition on celestial science in the historic building of the Archenhold observatory in Berlin-Treptow. Since 1909, the largest public observatory to date has been presenting exhibitions on the subject of astronomy, one of the oldest sciences in mankind. From these origins to modern space astronomy, the permanent exhibition traces the development of the observatories, including their structures, instruments and observation techniques - starting with Stonehenge and ending with radio astronomy and space telescopes. The exhibition also looks at our solar system. Changing special exhibitions are devoted to the development of astronomy and illuminate different focal points.

Meteorite

The eye-catcher of the permanent exhibition is a 283.5 kg (625 lbs) piece of debris from the meteorite that formed the Barringer Crater in Arizona. The piece consists entirely of nickel iron and may be touched.



Stiftung Planetarium Berlin

Zeiss-Jena Planetarium and Restaurant Bauersfeld

Planetarium

Dome: 23m (75.5 ft)

Capacity: 261



Technology Available

- Fundamental ability to show both pre-produced content as well as 100% live content.
- Microphone, PA, etc,
- Multiple presentation beamers (Full HD digital projectors)
- Fulldome projection system with the possibility to project several presentations at the same time
- Speaker equipment
- Several mobile canvases
- Presenter Lectern
- Flipcharts, Presentation Kits
- Furniture (arm chairs, side tables, etc.)
- 2x Fulldome Projection System (4K)
- Zeiss-Velvet/ Powerdome
- Vioso/Barco
- ZEISS UNIVERSARIUM Modell VIII
- SpatialSoundWave System by Fraunhofer IDMT
- Wi-Fi and wired internet with 80Mbps down-link, 30Mbps up-link
- Optional stage of up to 24m² (258 ft²) available
- Barrier-free (accessible for the differently-abled)
- Air-conditioned

Stiftung Planetarium Berlin

Bauersfeld Restaurant Main Floor

Capacity: 80-150



Technology Available

- microphone, PA, etc,
- presentation beamer (Full HD)
- Fulldome projection system with the possibility to project several presentations at the same time
- speaker equipment
- Several mobile canvases
- Presenter Lectern
- Flipcharts, Presentation Kits
- barrier-free (accessible for the differently-abled accessible)
- air-conditioned

Bauersfeld Restaurant Small Conference Room

Capacity: 15

Technology Available

- microphone, PA, etc,
- presentation beamer (Full HD)
- speaker equipment
- Several mobile canvases
- Flipcharts, Presentation Kits
- barrier-free (accessible for the differently-abled accessible)
- air-conditioned

Stiftung Planetarium Berlin

Bauersfeld Restaurant Conference Room

Capacity: 40-80

Technology Available

- microphone, PA, etc,
- presentation beamer (Full HD)
- speaker equipment
- Several mobile canvases
- Flipcharts, Presentation Kits
- barrier-free (accessible for the differently-abled accessible)
- air-conditioned

Bauersfeld Restaurant Terrace

Capacity: 120-200



Technology Available

- microphone, PA, etc,
- presentation beamer (Full HD)
- speaker equipment
- Several mobile canvases
- Flipcharts, Presentation Kits
- barrier-free (accessible for the differently-abled accessible)
- air-conditioned

Stiftung Planetarium Berlin

Gala Dinner at Wasserwerk

Wasserwerk is the planned location of the gala dinner. The old public water works facility—turned into a chic Berlin event location—is the perfect place to close out the week! With several meal options (including delicious options for vegetarians, vegans and those with other special dietary needs), and complementary open wine, beer and soft drink service, the evening is sure to be one to dazzle your taste buds and provide a fun atmosphere to continue connecting and celebrating with colleagues. A DJ will also be on hand to provide wonderful music. After dessert, dancing and socializing will take over for the rest of the night (with continuing beverage service, of course)! Wasserwerk is also completely barrier-free and has quiet, low stimulus area that can be made available.



Accessibility, Equity, Diversity and Inclusion

The goal of the Berlin and Jena teams is for the IPS 2024 conference to be as accessible to everyone as possible. If any participants have any special needs or concerns that are not addressed in this document, we are happy to find a solution!

Barrier Free

Germany has been working for years to make the country barrier free (accessible for the differently-abled). With many buildings having historic status due to their age, this has been an important and on-going process. While there are always improvements that can be made, visitors will find that all public transportation and almost all attractions are mostly—if not completely—barrier free.

Conference Venues

- The Estrel Berlin Conference Center and Hotel are 100% barrier free.
- The Zeiss-Großplanetarium is 100% barrier free.
- The Planetarium am Insulaner is almost completely barrier free. The Planetarium will be undergoing extensive renovations over the next two years, and will be 100% barrier free before 2024.
- The Wilhelm-Foerster Sternwarte (optional visit), due to its historic nature/the age of the building, is unfortunately not completely barrier free at the moment, however, options are being researched to make it accessible to visitors by 2024.
- The Archenhold-Sternwarte is almost completely barrier free (currently the only non-barrier free areas, due to the observatory being over 100 years old, are optional visits during the conference). The observatory will be undergoing some renovations and upgrades over the next few years and options are being researched to make it completely accessible to visitors before 2024.
- The Zeiss-Planetarium Jena is 100% barrier free.
- All pre-, mid-, and post-conference tours are barrier free with the exception of the Berlin Underground mid-conference tour, which includes rough, uneven, underground terrain.
- The gala venue, Wasserwerk, is 100% barrier free.
- All conference sites will have a quiet area available for attendees who may need a low stimulus area.
- Hearing assistance devices are available for conference attendees if needed. Sighted guides can be made available upon request. Some programs in the domes are available in multiple languages with our world languages system.



Stiftung Planetarium Berlin

Meals

We know that there are many different dietary needs in our community. Therefore, we will always have several options at each meal to meet those needs. Vegetarians, vegans, those with diabetes and other blood sugar balancing needs, those who have food allergies, are lactose intolerant, gluten intolerant, or who may have any other dietary needs, do not have to worry about what will be available to them. We will always have delicious, full meal options available for everyone. Nobody will go hungry during IPS 2024 due to dietary needs!

Water, coffee, tea, soda and juice will always be available for attendees to prevent dehydration. To facilitate this and promote sustainability, all attendees will be receiving their own reusable travel water bottles and coffee tumblers.

Small snacks will also be available during breaks and at any time for anyone who may need to balance blood sugar levels.

Financial Accommodations

We in Berlin and Jena want to make IPS 2024 as accessible as possible, and understand that IPS conferences can be a major financial undertaking for institutions and planetarians. Therefore, we have tried to make the conference as affordable as possible.

For the first time in, at least, recent IPS history, we are offering a special student price to try to make the conference a little more accessible to those just starting out and also still paying for their education.

We also have, for the first time, a new institution price – a special price for members of new-to-IPS institutions.

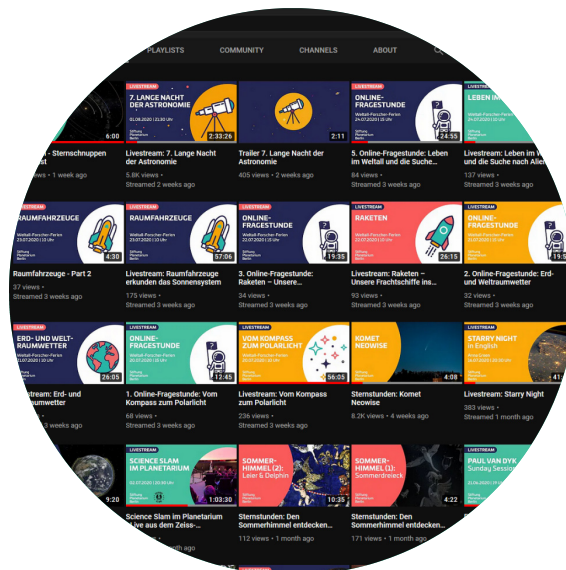
Finally, we are also offering at least 10 stipends for the conference (and 4 stipends for the Space Explorer's Day Camp*).

We have a very strong support system here in Berlin, and if we achieve even more local support financially than already planned for the conference, that will be passed on to participants by lowering the registration costs.

*Please see the heading about the Space Explorer's Day Camp for more information.

Live Stream

After the success of the IPS 2020 Virtual Conference, it is clear that even when we are able to meet in person again, that this option must remain available to IPS members. Not everyone can attend the conference in person, whether it be due to finances (even if they receive a stipend) or because someone has to run the planetarium. The IPS 2024 conference will have a free live stream for members. It will also have an option available for those participating remotely to ask questions during the sessions, so that they may interact with their colleagues too.



Coronavirus and Pandemic Back-up Plans

Unfortunately, due to SARS-COV-2 being so new, we do not know what the future holds. We of course are choosing to be positive that by 2024, there will be a vaccine, that travel will have gone back to normal, and that planetariums and museums will recover and thrive. That being said, we are also realistic and of course try to stay up-to-date regarding the latest scientific findings. We are prepared to alter the course of the conference, should a pandemic give rise to such a situation again. Furthermore, all of our partners (such as the conference center) are also prepared for this possibility. No matter the situation in 2024, we are staying current with what is going on and are prepared to make changes to our plans as needed for the health, safety and wellbeing of all of our colleagues from around the world.

Mentors

Attending your first planetarium conference, or your first IPS can be overwhelming, especially if you are new to the field. Therefore, during registration there will be an option to be paired up with a mentor. New delegates (or even those who have been in the community for a while but still would like a mentor) can request to be a mentee and veteran members can offer to be a mentor. Before the conference, the two can exchange contact information and get to know each other a little too so that there are always friendly faces waiting for everyone when they arrive at the conference!

Languages

Ich verstehe nur „Bahnhof“ (I only understand “train station”)! You don’t speak German? You only know how to say “guten Tag?” No problem! In Berlin almost everything (i.e. signs in train stations and at museums) is in at least German and English (and often other languages too!). The city is extremely international. Furthermore, because the startup scene here has been so popular, almost everyone speaks at least English. In fact, you will find ex-pats here who will brag about living in Berlin for 20 years and never learning a word of German (we do not recommend this route if you fall in love with Berlin and decide you wish to move here after your visit. That being said, you will never find yourself in a pinch if you need help!).

Thanks to the international draw of the higher education institutions and the tech industry in Jena, you will also find a large number of things in both German and at least English. Most people will also be able to speak at least English. Jena is a historic smaller city with all the perks of a large international metropolis!

You will find that in all the major cities in Germany, especially in trains, train stations, airports, and museums, that you do not need to know German to have an extremely enjoyable visit!

Finally, during the course of the conference, there will always be Stiftung Planetarium Berlin team members and Zeiss-Planetarium Jena team members to help with any language concerns. They will also help when traveling between sites and to mid-conference tours to ensure that everyone find their way and understands what is going on.

Language Support during the Conference

The teams in Berlin and Jena understand how daunting it can be to have to speak to others in a different language. Listening to presentations all day and presenting in another language can be even more formidable. This is why we want to support you!

The language used for the IPS conference is English, but of course not everyone feels comfortable or confident with their English language abilities. During registration, attendees can submit the languages they speak. The attendees will be able to see who speaks what languages and meet up at the conference to help support one another (and take a break from speaking another language if need be).

Safety

IPS Code of Conduct

Everyone has the right to attend the IPS Conference and feel welcome and comfortable in the environment. Nobody should feel bullied, harassed, retaliated against, marginalized or excluded. This is extremely important to the teams in Berlin and Jena. We want EVERYONE to feel welcome, respected and included. We take the IPS Commitment to the code of conduct seriously:

As members of the IPS community,

- We respect the Code of Conduct and act with integrity and professionalism.
- We treat everyone with respect.
- We embrace diversity and are mindful of all audiences in our presentations, demonstrations, and conversations.
- We act in good faith and do not make knowingly false statements, allegations, or accusations against others.
- We uphold these values and set an example for those around us.

Since the IPS is an international community, it is important to recognize that behavior and language that is acceptable in one particular cultural environment may not be acceptable to another. Therefore, to the best of our ability, we use discretion to ensure that our words and actions communicate respect for others. IPS Code of Conduct, IPS Commitment, <https://www.ips-planetarium.org/general/custom.asp?page=codeofconduct>

Therefore, as with previous IPS conferences, delegates will be required to sign a statement guaranteeing that they have read and will comply with the IPS Code of Conduct. The Code of Conduct will be respected at all times, and if there are any grievances, we ask that they be taken to the Equity, Diversity and Inclusion Committee as stated in the Code of Conduct.

Germany welcomes you!

Germany is a very safe country for everyone to visit. Ranked 16th out of 163 countries on the Global Peace Index, one does not have to constantly look over their shoulder or feel scared while walking around, even at night. Germany's crime rate is at its lowest since reunification in 1990. The people you meet in Germany are friendly, helpful and happy to help a visitor or fellow citizen in need. It is very easy to travel through Germany by train and enjoy the scenery, and not have to worry about your safety from one city to the next.

Furthermore, Germany strives to be open and fair to everyone. The German constitution lays out the country's anti-discrimination stance:

Article 1 [Human dignity]

- (1) Human dignity shall be inviolable. To respect and protect it shall be the duty of all state authority.
- (2) The German people therefore acknowledge inviolable and inalienable human rights as the basis of every community, of peace and of justice in the world.
- (3) The following basic rights shall bind the legislature, the executive, and the judiciary as directly applicable law.

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Article 3 [Equality before the law]

- (1) All persons shall be equal before the law.
- (2) Men and women shall have equal rights. The state shall promote the actual implementation of equal rights for women and men and take steps to eliminate disadvantages that now exist.
- (3) No person shall be favored or disfavored because of sex, parentage, race, language, homeland and origin, faith, or religious or political opinions. No person shall be disfavored because of disability.

Section I. "Basic Rights" of the "Basic [Constitutional] Law of the Federal Republic of Germany"
(Grundgesetz – Verfassung der Bundesrepublik Deutschland) <https://www.bundesregierung.de/breg-en/chancellor/basic-law-470510>

The Federal Anti-Discrimination Agency oversees this for the country. The agency creates federal rules and ordinances regarding anti-discrimination law, and protects and supports those who may face discrimination under the General Equal Treatment Act. You can learn more about the Federal Anti-Discrimination Agency (Antidiskriminierungsstelle des Bundes) here: https://www.antidiskriminierungsstelle.de/EN/Home/home_node.html



Sie sind auch Berliner*innen! Berlin is for EVERYONE

Berlin's unique history makes it the perfect place for everyone. Due to the division of the city that occurred for 40 years in the mid to late 20th Century, the city enjoys being free, open, eclectic and most of all, united.

On any given day in Berlin, one can see many different subcultural groups interacting in harmony. Berlin also has a very large population of immigrants and refugees that Germany has been pleased to welcome into the country.

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Berlin is home to a very large and vibrant LGBTQIA+ community and has a history of a strong support system from the city. The world's first LGBTQIA+ district and magazine were in Berlin. The world's first LGBTQIA+ Museum is also in Berlin. The city has many different LGBTQIA+ districts now, but the culture is truly a part of the city as a whole. The extremely popular Christopher Street Day parade, demonstrations, and celebrations occur during PRIDE every year in Berlin for the rights of LGBTQIA+ people in not only Europe, but all over the world.



The Stiftung Planetarium Berlin also has an excellent relationship with the police and the public order office. During the course of the conference, they will also be supporting a safe and comfortable atmosphere.

While of Berlin is a major metropolitan city and has some of the issues of other major cities, you will still find it to be quite safe. The per capita crime rate in Berlin has been steadily decreasing with every year. No matter who you are, you can feel confident and safe walking around and using public transportation in Berlin, even at night.

Something that we Berliners are very proud of is the passaging of our Anti-Discrimination Law in 2020. Everyone in Berlin is a Berliner and deserves to be treated with courtesy and respect, especially by public officials. This new law holds those in Berlin, and in particular, public officials (such as police officers, government public bureau officers, and medics) accountable for their actions and protects those in Berlin from any abuse of power or discrimination against them. This includes protection from discrimination based on religion, ethnic origin (inability to speak German), gender, residency status, skin color, those who are differently-abled, sexual identity, or age. While discrimination was already not tolerated in Berlin, this law ensures that it protects those in the state of Berlin, prevents discrimination from fellow Berliners, and keeps anyone who would abuse their powers as a public official to discriminate and mistreatment anyone in Berlin (citizen, immigrant or visitor) out of these positions. Anyone who experiences discrimination is able to seek help and legal action from the State of Berlin Anti-Discrimination Network. More information can be found here in multiple languages: <https://www.berlin.de/willkommenszentrum/en/everyday-life/protection-from-discrimination/>

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Finally, because so many conferences and conventions are hosted in Berlin, the city has its own Code of Conduct. The purpose for this is that Berlin has

- A primary goal of all the conferences and user groups that refer to this Code of Conduct is to be inclusive to the largest number of contributors, with the most varied and diverse backgrounds possible. As such, we are committed to providing a friendly, safe and welcoming environment for all, regardless of gender, sexual orientation, ability, ethnicity, socioeconomic status and religion (or lack thereof). (The Berlin Code of Conduct, Purpose, <https://berlincodeofconduct.org/>)

The Berlin Code of Conduct is available in English, German, Spanish, Polish, French, Italian, Russian, Japanese and Arabic, and will be used in support of the aforementioned IPS Code of Conduct.



Jena: City of Light for all who are there

Jena is appropriately called the city of light because optics and photonics are its leading industry (after all, first light of the projection planetarium was in Jena). It is also the city of light figuratively as the great minds of the Reformation and Enlightenment lived and worked there. This idea of enlightenment can also be seen in the city's values regarding citizens and visitors of the city. Jena of course follows the Basic Law regarding anti-discrimination and equal rights, however it goes farther too, proclaiming that "Equality is a task for the municipality." The city administration ensures equality for all those in Jena by:

- Providing support for people seeking advice on gender equality
- Lobbying against discrimination based on gender or sexual orientation
- Instating initiatives and actions for the practical implementation of equal opportunities
- Promoting, coordinating and supporting gender projects and initiatives
- Promoting the compatibility of family and work

(Translated from the City Hall website, available only in German) <https://rathaus.jena.de/de/frauen-und-gleichstellungsbeauftragte>

Jena is a strong supporter of their LGBTQIA+ community as well as the rights of women, differently abled, single parents, and immigrants/international students. A city known for its industry and as a center of learning, Jena is definitely a place where participants of IPS 2024 can feel most welcome and comfortable, on their own or with the group.



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Family

We in Berlin and Jena know how important your family is, and that sometimes receiving professional development is only possible if your children can join you. That is why we have something special planned!

Parents with Babies

Mothers are always welcome and should never have to feel torn between career and their baby. We have made arrangements for quiet areas at all locations as well as if a calmer environment is needed for a while. Nursing is always allowed no matter the location, however, lactation rooms will always be available if a mother would prefer her own space.



Children

Children are always welcome to join their parent(s) in sessions as long as they are not being disruptive. Children may have a nametag as a special conference attendee if desired by the child and parent.



Space Explorer's Day Camp

Children ages 3-12 can be enrolled in the Space Explorer's Day Camp, which will take place at the Estrel Hotel and Conference Center. The enrollment cost* includes morning snack, lunch, afternoon snack, and dinner, as well as the cost of all materials and childcare. Children will explore a different theme every day, work together over the week to create a project, and of course spend time in the INTENSE Mobile Science Theater – available just for them! Space Explorers will be grouped with like ages and by language while receiving instruction but are encouraged to work together just like astronauts aboard the ISS. Meals and playtime are open for the entire group to let loose together. Instruction is currently planned in the following languages: English, German, Russian, Japanese, French and Spanish. If another language is desired, it can be worked out upon request.



Due to the international nature of the conference, astronomical research and space travel, the different linguistic and cultural origins of the children and the formation of an international and intercultural community should be a central element of the four-day childcare. In terms of content, everything will revolve around space travel and astronomy: the children will exchange ideas, learn new languages, experiment and design, learn new things and impart knowledge, solve puzzles, conduct experiments, and look at the stars together. The exhibition pieces created in groups will be exhibited on the premises and can be viewed by all conference participants. On the third day of the Space Explorers Day Camp there will be a joint presentation for any interested conference attendees.

Groups**

- 1) Preschool/Kindergarten (3-5 years)
- 2) Lower Elementary School (6 to 9 years)
- 3) Upper Elementary School (10 to 12 years)

Monday: The International Space Station

This day is all about space stations. The focus is of course on our ISS. How did this station come about, which modules and components does it have and which nations were involved? How do space travelers get to it or to the deeper cosmos and what would we have to learn and be able to do to become space travelers themselves? And of course the most important questions: How do people live and research in weightlessness?

Tuesday: Our solar system

Our sun and the eight planets are at the center of the action on this day. But we not only examine the very big ones of the solar system family, but also the small bodies such as comets, asteroids and meteoroids as well as the formation and general structure of our planetary system. On every corner there are a lot of questions and amazing answers. Let's travel through the solar system together.

Wednesday: Telescopes, planetariums and the starry sky

From all over the world, we can look into the starry sky and discover stars, planets, the moon and much more. We want to deal with everything we can see in the night sky. What constellations of stars are there and what stories do people tell about them? What is the difference between a fixed and changeable star? At which time of year do you see which constellations? Which constellations do you see in the northern and which in the southern hemisphere? And what instruments can we build to better uncover all the many secrets?

Thursday: History and future of space travel

Who was the first person in space? Who was the first person on the moon? Which space agencies are there and which exciting missions have explored space so far? In addition to the history of space, there is even more on the plan: together we design our own space mission and think about what the future could hold for us. Are we going to fly to the moon again, or even to Mars? Could people live anywhere else in the solar system? And if so how?

* We are currently seeking funding options to make this camp even more affordable, if not completely free for children of members to attend

** At this time, the camp is limited to 50 children.



Travel and Lodging Arrangements

Visas

Germany is a very open country to visitors. According to <https://www.auswaertiges-amt.de/en/einreiseundaufenthalt/visabestimmungen-node>, Germany, as a member state of the Schengen Area, permits the nationals of many countries to enter the European Union Schengen area (including Germany) without a visa. EU citizens may of course enter Germany with just an identification card.

The list of countries that require and do not require visas to enter Germany and the EU can be found here: <https://www.auswaertiges-amt.de/en/einreiseundaufenthalt/-/231148>

The European Commission has already adopted the so-called Electronic Travel Information and Authorization System (ETIAS), which the nationals of the above-mentioned countries will have to obtain in order to be permitted to enter the Schengen Zone starting in 2022. This is just like the electronic visa waver programs of Canada (eTA) and the United States (ESTA) ETIAS will cost 7 euros, and will be valid for three to ten years, or until the expiration of its holder's passport. The procedures to obtain one will be very simple, and the application process is estimated to last around 10 to 20 minutes. You can find more information here: <https://www.schengenvisainfo.com/etias/>

For anyone required to obtain a short-stay visa, or with any other travel questions, the team in Berlin is experienced with the process of obtaining visas and both SPB and Zeiss-Planetarium Jena are happy to help, provide letters of invitation or any other documents an IPS Member might need to attend.

Travel to Berlin

(information courtesy of VisitBerlin)

By Car

It is easy and comfortable to go to Berlin by car. The city has a good connection to the motorway, there are several big streets going to the center and enough spots for parking in the inner city.

Getting to Berlin from the North

- Getting to Berlin from direction Stralsund, Greifswald
 - Berlin visitors coming from the northeast reach Berlin on highway (Autobahn) A20. They should stay on that road until the junction "Uckermark" and then follow the A11 towards Berlin. Afterwards, it is about 750 metres on the highway A10 until the exit 36 "Berlin-Weissensee". From there they should continue their way on national road (Bundesstraße) B2 towards Berlin. It leads through Malchow, Weissensee and Prenzlauer Berg to the center of Berlin.
 - Travellers getting to Berlin from direction Hamburg or Rostock reach Berlin via the A24 and the A10.
- Getting to Berlin from direction Hamburg, Kiel, Rostock
 - Drivers reaching Berlin from the northwest enter highway A24 east of Hamburg and continue until highway junction Wittstock/Dosse. They follow the A10 towards the center of Berlin.

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- Berlin visitors heading towards the exhibition grounds or Kurfürstendamm should leave the A24 at the junction Oranienburg and proceed on the A111 towards Berlin-Zentrum (Zoo). Leave the highway at exit 8 Eichborndamm and proceed the the direction Charlottenburg.



Getting to Berlin from the East

- Travellers from Dresden reach Berlin's urban motorway A 100 via the motorways A13 and A113.
- Getting to Berlin from direction Dresden, Chemnitz, Cottbus
 - Motorists driving to Berlin from the southeast should use either highway A13 or A113 in the direction of Berlin. Both lead to Berlin's urban Highway A100. At exit 20, Tempelhofer Damm, follow the B96 towards Kreuzberg. Visitors to the Berlin trade fair should continue their journey on the A100 towards Berlin-Charlottenburg. Visitors getting to Berlin from Frankfurt/Oder enter the A113 towards Berlin at Schönefeld junction.
- Getting to Berlin from direction Frankfurt/Oder
 - Visitors to Berlin coming from the East can reach Berlin via the highways A12 and A10. At the Schönefeld junction (exit 11) they change onto the A113 towards "Berlin-Zentrum" and continue on the A100. At exit 20 Tempelhofer Damm the route follows the B96 towards Kreuzberg. Travellers who want to visit the exhibition grounds or Kurfürstendamm follow the A100 towards Berlin-Charlottenburg.

Getting to Berlin from the South

- Travellers from Frankfurt / Main and Munich use the highways A9/E51, A10 and A115 to reach Berlin.
- Getting to Berlin from direction Frankfurt, Stuttgart, Munich
 - Berlin visitors coming from the south and southwest will reach Berlin on the highways A9/E51 and A10. At the highway junction Nuthetal (exit 16) they follow the A115 towards Berlin Zentrum, Berlin-Zehlendorf. Travellers who want to visit the exhibition

grounds or Kurfürstendamm stay on the A115 until the motorway junction Funkturm and then change onto the A100 in the direction of Hamburg/Wedding.

Getting to Berlin from the West

- Travellers getting to Berlin from Hannover use the highways A2 and A10 to reach the capital. At the highway junction Nuthetal their route follows the A115 towards Berlin-Zentrum, Berlin-Zehlendorf.
- Getting to Berlin from direction Dortmund, Bremen, Hanover
 - Drivers approaching Berlin from the West should use the highways A2/E30 and A10. At exit 19, Potsdam follow the signs leading to Berlin-Zentrum. The route continues on the A10 until the highway junction Nuthetal. From there, the A115 leads towards the center of Berlin. Travellers who want to visit the exhibition grounds or Kurfürstendamm continue on the A115 until junction Funkturm and then change onto the A100 towards Hamburg/Wedding.

Important Information about driving in Berlin

Berlin's Environmental Zone

Please note that you need an environmental badge for your car because the centre of Berlin is an environmental zone. Berlin's city centre has had a designated environmental zone in which only vehicles that meet certain emission standards are allowed to be driven. Vehicles that are used in the environmental zone must have a sticker that identifies its pollutant group.



Special Permission for Coaches in the Environmental Zone

The new rule for the second stage of Berlin's environmental zone includes a driving ban within Berlin's S-Bahn ring for vehicles with yellow stickers. German coaches need a green sticker to be allowed in Berlin's city centre. Foreign coaches are not affected by this rule and can continue to drive with a yellow sticker in the city centre.

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Car parks

There are plenty of multi-storey car parks available in all of Berlin's districts, where you can park cheaply and quickly get to your sightseeing destination.

Parking zones

In the city centre are many parking zones where you have to buy a ticket.

Car-sharing and rental car!

Berlin has a good network of car-sharing operators - your choice for excursions around the city. For long term stays, choose your rental car here - easy, fast and on good terms. In cooperation with mietwagenmarkt.de you can compare different agencies and prices and reserve your desired car directly online.

By Train

Germany has Deutsche Bahn, which is an amazing, green and cost effective train system. The main train station is the Berlin Hauptbahnhof and can be easily reached not only from anywhere in Germany, but also from out of the country if you would like to travel Europe by rail.

<https://www.bahn.com/en/view/index.shtml>

You can reach Berlin from all directions by using the fast InterCityExpress-, InterCity, EuroCity- and InterRegio Trains. The new central station Berlin Hauptbahnhof in the heart of Berlin was opened in 2006 and a new concept for the railways and stations in Berlin was installed. All train stations are well connected to the public transport system.



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By Bus

Coaches are a popular form of transport for people visiting Berlin, and not just for school trips, bowling excursions and senior citizen outings. They are affordable, reliable and comfortable. With a number of coach stations all over the city, you can head straight to your desired location. National and international coach services to Berlin arrive and depart at the central bus station in the Charlottenburg district, opposite the ICC International Congress Centre.

Scheduled coach tickets

Here is a selection of long distance buses in Germany:

FlixBus With more than 1,000 connections across Germany, this network of coach (long-distance bus) companies operating under the FlixBus name offers lots of flexibility for travellers. Free wifi, on-board toilets and snacks are as much a part of the experience as the low ticket prices and the opportunity to make a small contribution to climate protection. You can catch the FlixBus in Berlin at the central coach station (known as the "ZOB") in Charlottenburg and at Südkreuz. Tickets are available online and through travel agencies.

IC Bus The IC Bus is an inexpensive and comfortable way of travelling between Krakow or Copenhagen and the German capital. In addition to free WiFi, the IC Bus also features an entertainment system with a large selection of music and films to help pass the time during your trip. The bus stop in Berlin is centrally-located near Berlin main station, affording travellers simple connections to the long-distance train services of Deutsche Bahn. A trip that includes travel on both an IC Bus and a train can be completed using a single, combined ticket. Tickets are available for purchase at www.bahn.com and at DB Travel Centres.

Special Permission for Coaches in the Environmental Zone

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By Airplane

The new BER "Willy Brandt" airport is slated to open on 31. October 2020. The new large airport will offer even more flight options that are currently available. All major airlines, budget airlines and even small charter companies will fly in and out of BER. BER is reachable from all major cities outside of Europe with one layover or less, and non-stop from within Europe. <https://ber.berlin-airport.de/en.html>



Currently, Berlin has two airports: Both Tegel and Schönefeld Airport can be easily and quickly reached from the city's centre, and are optimally integrated into the airlines' national and international route network. The largest airlines at Berlin's airports are easyJet and the Deutsche Lufthansa.

Airports

Berlin offers two airports which both are accessible with the public transport system very easily. Schönefeld is situated in the southeast of Berlin, approximately 18 km from the city centre. The airport is connected with the city centre by the S-Bahn (suburban train) lines S49 and S9 as well as with several AirportExpress trains that run from/to Hauptbahnhof, Zoologischer Garten, Friedrichstraße, Alexanderplatz and Ostbahnhof every half an hour. S45 and S9 need about 45 minutes for the trip to the centre, the trains take 15 min (from/to Ostbahnhof) to 30 min (from/to Hauptbahnhof), 35 min (from/to Zoologischer Garten). All trains and the S-Bahn stop at the station "Flughafen Berlin-Schönefeld".

Schönefeld Airport (SXF)

Adress: 12521 Berlin (Schönefeld) +49 180-500 01 86 (0,14 € /Min.) Fernbahn/IC-Anschluss ca. 300 m/5 Min. S Flughafen Berlin-Schönefeld N X7, 162, 163, 171, 736 Tegel is situated in the northwest of Berlin, approximately 8 km from the city-centre. You can reach the western city centre from the airport conveniently within 15 minutes. Apart from the buses 109 and 128 the JetExpressBus TXL connects the airport to the main train station Hauptbahnhof. The Expressbus X9 leaves from the train station Zoologischer Garten. The Expressbuses stop only at the main bus stops and are therefore a quick connection.

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Tegel Airport (TXL) Adress: 13405 Berlin (Reinickendorf) +49 180-500 01 86 (0,14 €/Min.) N X9, 109, 128, Shuttle: Jet Express TXL

Further information www.berlin-airport.de

How to get to the inner city of Berlin?

How to get to the heart of Berlin from the airports: Berlin currently has two different airports, Tegel is the more central, while Schönefeld is a little further out. It takes about 30 minutes by car from Schoenefeld to Berlin's city centre, while you can reach the centre from Tegel Airport in just under 20 minutes. Both airports are well connected to Berlin's infrastructure and can be reached by public transport. You can also choose a more comfortable mode of transport, such as a taxi, shuttle or limousine service.

Arrival by public transport

Airport Tegel

- Tegel Airport can only be reached by bus, but there are four different routes. The buses arrive on time and very often.
- The TXL bus runs via the S-Bahn station Beusselstraße (circle line) and Berlin Central Station to Robert-Koch-Platz. This bus will take you to Berlin Central Station in 15 minutes. (Please note: the TXL bus is no longer running until Alexanderplatz).
- Bus X9 is an express bus that runs between the Zoological Garden and the airport. The total journey time on this route is 16 minutes.
- Line 128 does not take you directly to the city centre, but you can change to the underground lines U6, U8 or U9 on the line.
- Finally bus 109: It will take you through Charlottenburg, where you can change to the U7, U1 and U9.

Schönefeld Airport

Schoenefeld Airport is also well connected to public transport, with six local bus lines. However, it is quicker and easier to get to the city centre by S-Bahn. With the S9 you reach the airport from the Zoologischer Garten after 50 minutes, from Friedrichstraße it takes about 40 minutes. The S9 line also passes other major train stations in the city centre, so you can easily get to the airport without changing trains.

The S45 takes you to Treptower Park, where you can change to the Ringbahn, with which you are also well connected.

Another possibility is the regional train, which also runs to the surrounding area of Berlin. You can reach Schoenefeld Airport by regional train 14 from Alexanderplatz after 27 minutes. The regional train 22 takes you comfortably to Charlottenburg and the regional train 7 even to Potsdam.

If you decide to travel to or from the airport by public transport, please remember that you will also need to buy a ticket for your luggage. A single ticket for the AB area is enough to get to Tegel. Schoenefeld is already in the C range, so you need an ABC ticket. A reduced ticket can be validated for children up to and including 14 years of age.

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Arriving by taxi

The easiest way to get to the city centre is by taxi. Driving a taxi in Berlin is safe, but a little more expensive than in other cities.

After your arrival you will certainly see many taxis at the airport. You can usually assume that they are serious, but it is not wrong to ask how much the journey to your desired destination will cost. You can calculate the approximate price for your route in advance at Taxirechner.de, so make sure that the driver will give you a reasonable price.

For your orientation: The trip from Schoenefeld Airport to Berlin Central Station would cost about 42 Euros, to the Zoological Garden about 40 Euros. Of course, prices may vary slightly.

You would pay around 26 euros for the Tegel-Zoologischer Garten airport route and just under 19 euros to the main station.

Chauffeur service

Do you want to treat yourself to something very special? How about a chauffeur service? This should always be booked in advance.

Normally you can choose the standard of your car when booking. At the airport, your driver will be waiting for you with a name tag, which will carry your luggage and take you comfortably to your desired destination. Some vehicles even have free WLAN and a selection of soft drinks. This, however, as well as the method of payment, depends on the transport company.

The price from Schoenefeld Airport to Kurfürstendamm at Sixtmydriver is at least 60 euros and would increase according to your choice of vehicle. From Tegel Airport you can get the chauffeur service for as little as 35 euros.

Other chauffeur service providers:

- Prime Limousinen Berlin
- Blacklane
- Interline

Transfer Schoenefeld-Tegel

If you only need to change trains in Berlin and get to the other airport, you should plan at least an hour's journey by public transport. The transport in the car takes about 25 minutes.

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By boat

No, Berlin is not right on the sea, but from the ports on the German coast ship passengers still getting comfortable to Berlin. Especially Berlin visitors from Scandinavia and Northern Europe arrive on the waterway. But passengers of cruise ships are docking in Rostock, Kiel or Hamburg are going off the ship for a trip to the capital.



Travelling via Hamburg

- Hamburg-Harwich (Great-Britain)
- DFDS Scandinavian Seaways, up 4 x per week
- Drive on to Berlin in 90 minutes by train from Hamburg-Hauptbahnhof or by car via A24.

Travelling via Kiel

- Kiel-Göteborg (Sweden)
 - Stena Line, 1 x per day
- Kiel-Oslo (Norway)
 - Color Line, 1 x per day
- Drive on to Berlin by train from Kiel Hauptbahnhof or by car via A24.

Travelling via Rostock

- Rostock-Gedser (Denmark)
 - Scandlines, 9 x per day
- Rostock-Trelleborg (Sweden)
 - TT-Line, Scandlines, up to 9 x per day
- Rostock-Tallinn (Estonia) - Helsinki (Finland)
 - Silja Line, up to 3 x per week
- Rostock-Hanko (Finland)
 - Superfast Ferries (since 2002)

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- Rostock-Södertälje (Sweden)
 - Superfast Ferries (since 2002)
- Drive on to Berlin by train from Rostock Hauptbahnhof or by car via E55 or A10/A24.

Travelling via Sassnitz

- Sassnitz-Trelleborg (Sweden)
 - Scandlines, 5 times a day
- Sassnitz-Rönne (Bornholm/Denmark)
 - Scandlines, Bornholms Trafikken, up to 2 times a day
- Sassnitz-St. Petersburg (Russia)
 - TransRussiaExpress, 2 times a week
- Sassnitz-Klaipeda (Lithuania)
 - Scandlines-Euroseabridge, LISCO, 3 times a week
- Drive on to Berlin by train from Sassnitz Fährhafen or by car via E E22/55/A19.

Travelling via Travemünde

- Travemünde-Trelleborg
 - TT-Line, up to 5 x per day
- Drive on to Berlin by train from Travemünde-Skandinavienkai or by car via A24/E26

Accessible travel to Berlin

Welcome to the German capital! When your doors open at Berlin Central Station, at the ZOB (Berlin Central Coach Station), at Tegel or Schönefeld airport or simply at the car park in front of your hotel, you won't fail to realise: Berlin is accessible for everyone. And no matter what means of transport you use to get around, you will arrive without obstacles in the capital.

Travel barrier-free by train to Berlin

All long-distance train stations in Berlin, including Berlin Central Station, the Ostbahnhof or the Zoologische Garten, have differently-abled access both from and to platforms. Equipped with tactile paving and orientation systems as well as talking lifts, the arrival to and departure from Berlin no longer pose an obstacle for travellers.

The Deutsche Bahn AG mobility centres offer you a comprehensive service for accessible travel to Berlin. Including: a free of charge assistance service. They also provide tips to plan your journey and information about discounts or construction-related deviations.

- The Deutsche Bahn service number: +49 (0)1806 - 99 66 33, the keyword: Betreuung (Support)
- The mobility service head office: +49 (0)1806 - 512 512
- The Bahnhofsmission assistance service supports travellers in need of help when embarking, changing and disembarking.

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Accessible arrival by car to Berlin

If you visit the German capital by car, read our tips on Arriving in Berlin by car. An estimated 1,300 public disabled parking spaces are located in the city of Berlin. To ensure you can use them, you require the code aG or BI in your disabled person's pass.

Accessible arrival by plane to Berlin

You can also travel barrier-free to Berlin by plane. The Berlin airports Tegel and Schönefeld provide a high level of comfort with generously designed toilet facilities as well as wheelchair-accessible parking spaces. Signposts and orientation guides give you a comprehensive overview on-site. Please notify your airline in advance if you require the support of a personal assistance service.

Further information about accessible arrival by plane:

Tegel airport

Call Centre: +49 (0) 1805 000 186

Service Counter & Rollmops in Terminal A between Gates 7 and 8 daily from 4.30am – 11.30pm

Parking office: +49 (0) 30 4101 -2398 or -2320

Schönefeld airport

Call Centre: +49 (0)1805 000 186

Passenger information & wheelchair accessible service counter on the ground floor of Terminal A

Parking office: +49 (0)30 – 609 155 82

Accessible arrival by bus to Berlin

Bus journeys to Berlin arrive at the accessible Berlin Central Coach Station (ZOB) near the exhibition grounds. Many coach companies transport guide dogs and attendants for the severely disabled free of charge – enquire with providers to find out about special deals. To ensure that there is enough space for all fellow passengers, you should register wheelchairs and prams with the travel companies prior to departure.

Berlin Central Coach Station (ZOB)

Masurenallee 4-6, 14057 Berlin

Phone: +49 (0)30 21 49 51 00

zob.berlin/en

Services provided by the ZOB:

- Sheltered stops
- waiting room
- wheelchair-accessible toilet
- luggage storage

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Getting around in Berlin

Berlin has an excellent public transportation system that includes Fast Train (S-Bahn), Subway (U-Bahn), Tram (or Straßenbahn), Bus, and Regional Trains (Regional Verkehr). Every participant will get a pass for the week to use the public transportation.

For more information on how to use the public transportation system see this helpful video from VisitBerlin: <https://www.visitberlin.de/en/how-use-berlin-public-transport-network>



Taxis

Time is money: more than 7,000 taxis offer their fares a quick and comfy ride to their destination. Get safely and comfortably to where you want to go in Berlin whenever you want – airport or railway station, a business meeting or anywhere else you may have in mind.

Berlin call-a-cab lines

You can order a taxi in Berlin on the following phone lines:

- Taxi Berlin: +49 30 – 20 20 20
- Würfelfunk: +49 30 – 21 01 01
- TaxiFunk Berlin: +49 30 – 44 33 22
- Quality Taxi: +49 30 – 26 300 0
- City-Funk Berlin: +49 30 – 21 02 02
- Funk Taxi Berlin: +49 30 – 26 10 26
- EcoTaxi: +49 30 – 210 10 20

If you're on the move already, you can also simply flag down a free cab. A taxi is free if its roof sign is lit up. There are also taxi ranks all over the city, with taxis waiting for you or with taxi-call points for requesting pick-up.

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From and to the airport in Berlin

There are also taxi ranks at all railway stations and airports. You can choose any taxi waiting there, you're not obliged to take the first in line! Recommended: at Berlin's airports, go to the indicated taxi ranks – this way, you'll avoid impostor taxis charging excessive fares. You can tell a real taxi from a fake one by the Berlin number plate and the concession number on the rear window. Berlin does not hand out concessions with a number greater than 8,000. To get from your hotel to the airport, your hotel's reception will also be happy to call a taxi for you.

Berlin taxi fares

Since 30 June 2015, the base fare is €3.90, each of the first seven kilometres costs €2.00 and each subsequent kilometre is €1.50. This lets you estimate your fare pretty accurately before you even get into the taxi. Mini-van taxis and bulky luggage incur an extra charge. Waiting in heavy traffic shouldn't usually affect the fare – the meter does not account for time until after a two-minute delay.

Taxi short trips

If you only want to travel a short distance, you can flag down a taxi on the roadside. The fare for what Berlin cabbies call a short trip is €5.00 for a two-kilometre trip. Please tell the driver straight away that you want a short trip (Kurzstrecke in German). You can only get the short-trip fare for flagged taxis, a maximum trip distance of two kilometres and if you do not interrupt your journey.

Prices for standard routes in Berlin

Depending on the number of people and the amount of luggage, or if you have bulky luggage, fares may vary. Unless desired otherwise by the passenger, drivers are obliged to take the shortest route.

Paying your taxi fare

If you can, keep some banknotes of lower denomination with you – taxi drivers are not obliged to hold large amounts of change. Today, paying your fare by credit card or EC cash card should be possible in any cab.

Receipt for taxi trips

Always ask for a receipt. This is important should you accidentally leave something in the vehicle. The receipt will allow you to identify the vehicle you travelled in. The receipt is also evidence in the event of trouble with the paid fare. Make sure that the receipt includes the following details:

- Operator's address
- Concession number (usually pre-printed, number must match the number on the bottom right of the rear window)
- Fare
- Date
- Distance
- Signature

Stiftung Planetarium Berlin

Travel between Berlin and Jena

We are working with Deutsche Bahn to try and arrange special trains specifically for conference delegates to make travel between Berlin and Jena easy and green! Our goal is to keep you connected and to protect our planet.

Travel to Jena

By Car

Jena is situated near the intersection of two major motorways, the A9 Rostock-Munich, running north to south, and the A4 Dresden-Eisenach-Frankfurt am Main, which runs east to west. The city has two junctions, Jena-Zentrum and Jena-Göschwitz, that provide direct access to the A4 Dresden-Eisenach-Frankfurt am Main. Access to the A9 Berlin-Nuremberg is via the nearby Hermsdorfer Kreuz intersection. Other main roads leading to Jena are the B88 Naumburg–Jena–Rudolstadt and the B7 Eisenach-Erfurt-Weimar-Jena-Eisenberg.

By Train

- Jena Paradiesbahnhof station | North-south connection | InterCity station
- Jena Westbahnhof station | East-west-connection (Chemnitz-Kassel-Aachen line) | InterRegio station, Elster Saale Bahn
- Jena-Göschwitz station | Railway junction in the south of Jena
- Saalbahn station | North-south connection | RegionalExpress, Elster Saale Bahn

DB Travel Service / Deutsche Bahn: tel: +49 (0)180 599 6633 (travel service) | +49 (0)800 150 7090 (timetable information via DB voice response system, free from German landlines) | www.bahn.de

Erfurter Bahn (Elster Saale Bahn): tel: +49 (0)361 7420 7250 | www.erfurter-bahn.de

Abellio: travel service at Jena-Göschwitz train station | www.bahnhof-goeschwitz.de

By Airplane

The nearest airport is at Erfurt (Erfurt-Weimar (ERF)), the state capital of Thuringia, only 70km from Jena. Travelling via the A4, the journey time by car is around 45 minutes.

Leipzig-Halle (LEJ) airport can be reached by car in about an hour via the A9 (136km).

Getting around in Jena

- JenaCard ticket for tourists: 11,90€ p.p. (including free public transport and discount in many museums); valid for 48h
- Bus tours Jena Shuttle Service
- Weimar Tour (cooperation partner planetarium)
- Verari Travel

Stiftung Planetarium Berlin

Accommodation

Berlin

Estrel Berlin Conference Hotel

- The planned conference hotel is the four star Estrel Berlin Hotel, which is attached to the Estrel Berlin Conference Center – the “home base” of the conference and location of the Space Explorer’s Day Camp for kids.
- Capacity: 1,125 Hotel rooms (with an additional building of rooms set to open by 2024)
- Single: 165€ with Breakfast; Double 195€ with Breakfast

Hotels Easy to Reach from Estrel Berlin, Archenhold-Sternwarte and Zeiss-Großplanetarium

	Capacity	Single (with breakfast)	Double (with breakfast)
Classik Hotel Alexander Plaza Berlin		127€	152€
Almodovar Hotel		140.50€	180€
the niu		67,11€	73,81€
AirBnB Offerings near Estrel Berlin		36€ - 125€/per night	

Jena

	Capacity	Single (with breakfast)	Double (with breakfast)
B&B Hotel	100 Hotel rooms	65,00€	85,00 €
Steigenberger	140 Hotel rooms	119,00€	109,00 €
ibis Jena	75 Hotel rooms	95,00€	80,00 €
Hotel zur Noll	45 Hotel rooms	75,00€	90,00 €
Schwarzer Bär	75 Hotel rooms	90,00€	100,00 €
Hotel Vielharmonie	28 Hotel rooms	75,00€	85,00
AirBnB Offerings		29€ - 114€/per night	

Stiftung Planetarium Berlin

Participant Costs

(All USD values based on an exchange rate of 1.00€ = \$1.14)

Registration

(includes VAT and all meals and beverages except the Gala)

	Early Bird Member	Early Bird Non- Member	Regular Registration Member	Regular Registration Non- Member	Late Member	Late Non- Member
Participant	375€ / \$427.50	475€ / \$541.50	425€ / \$484.50	525€ / \$649.80	490€ / \$558.6	590€ / \$714.78
Student	250€ / \$285	350€ / \$399	300€ / \$342	400€ / \$456	370€ / \$421.80	470€ / \$535.80
New Institutional Member	330€ / \$342	N/A	365€ / \$399	N/A	430€ / \$490.20	N/A
Extra Sponsors	330€ / \$342	N/A	365€ / \$399	N/A	430€ / \$490.20	N/A

Gala and Adult Guest Special Event Meals (includes VAT)

Gala	Gala Non- Member/ Guests	Welcome Reception Guests	Grillfest Guest	Brunch Guest	Each Lunch Guest
85€ / \$96.90	100€ / \$114	45€ / \$51.30	45€ / \$51.30	40€ / \$45.60	30€ / \$34.20

Pre-Conference Activities (includes VAT, breaks, lunch and dinner)

	Fulldome Festival Package	Fulldome Festival One Day Ticket	IMERSA One Day Workshop	LIPS One Day Workshop
IPS Member	99€ / \$112.86	35€ / \$39.90	80€ / \$91.20	35€ / \$39.90
Non- Member	129€ / \$147.06	50€ / \$57	110€ / \$125.40	50€ / \$57

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Mid-Conference Tours (includes VAT and a box lunch)

Berlin Unterwelten (Berlin Underground)	Berlin Wall Memorial Tour	River Boat Tour of Berlin	Sanssouci
28€ / \$31.92	29€ / \$33.06	43€ / \$49.02	49€ / \$55.86

Post-Conference Tours (includes VAT, all meals, tours, transportation and lodging)

Tour #1 The Early Astronomy and Planetaria Experience	Tour #2 Astronomy in Modern Times
350€ / \$399	410€ / \$467.40

Space Explorer's Day Camp (includes VAT, lunch, dinner, two snacks and all materials)

Early Bird Package	Early Bird Daily Rate	Regular Registration Package	Regular Daily Rate	Late Registration Package	Late Daily Rate
200€ / \$228	60€ / \$68.40	300€ / \$342	80€ / \$91.20	400€ / \$456	100€ / \$114

Kids Gala and Special Meals Outside of Camp (includes VAT)

Welcome Reception	Gala	Each Lunch	Brunch
15€ / \$17.10	65€ / \$74.10	10€ / \$11.40	18€ / \$20.52

Stiftung Planetarium Berlin

Budget

(All USD values based on an exchange rate of 1.00€ = \$1.14)

Expenses

(based on 700 attendees including sponsors)

	Total Pre- VAT	Total with Tax Euro	Total with Tax USD
Space Rental	-160.000,00€	-190.400,00€	-\$217,056.00
A/V	-99.000,00€	-117.810,00€	-\$134,303.40
Catering (except Gala and Box Lunch included with Mid-Conference Tours)	-150.953,64€	-179.634,83€	-\$239,721.10
Transportation	-21.277,74€	-21.284,20€	-\$24,263.99
Stipends (10)	-8.242,94€	-9.809,10€	-\$11,182.37
Included Sponsor Registrations (64)	-52.754,82€	-62.778,24€	-\$71,567.19
Guest Speakers Stipends (4)	-15.126,05€	-18.000,00€	-\$20,520.00
Photographers	-2.689,08€	-3.200,00€	-\$3,648.00
Marketing & Printing	-5.204,00€	-6.192,76€	-\$7,059.75
Event Management	-64.129,83€	-76.314,50€	-\$86,998.53
Gala	-33.600,00€	-39.984,00€	-\$45,581.76
Fulldome Festival	-10.340,34€	-12.305,00€	-\$14,027.70
IMERSA	-8.407,56€	-10.005,00€	-\$11,405.70
LIPS	-3.676,00€	-4.374,44€	-\$4,986.86
Mid-Conference Tours	-16.857,14€	-20.060,00€	-\$18,927.65
Post Conference Tours	-41.264,49€	-49.104,74€	-\$55,979.41
Child Care (for 50 children including 4 stipends)	-32.886,55€	-39.135,00€	-\$49,772.21
Total Expenses		-860.391,81€	-\$980,846.66

Stiftung Planetarium Berlin

Income

(based on 700 attendees including sponsors and sponsor support from the last three IPS Conferences)

	Avail- able	Projected to be Covered	Unit Price Pre-VAT Euro	Unit Price Pre-VAT USD	Total with VAT Euro	Total with VAT USD
Tier 1 Sponsorship Dome	4	3	30.000,00€	\$34,200.00	107.100,00€	\$40,698.00
Tier 2 Sponsorship Dome	4	2	23.000,00€	\$26,220.00	54.740,00€	\$31,201.80
Tier 3 Sponsorship Cinema/Amphitheater	5	4	15.000,00€	\$17,100.00	71.400,00€	\$20,349.00
Tier 4 Sponsorship Conference Center	4	4	11.000,00€	\$12,540.00	52.360,00€	\$14,992.60
Tier 5 Sponsorship Exhibitor Only	4	4	7.000,00€	\$7,980.00	33.320,00€	\$9,496.20
Tier 6 Supporting Sponsorship	5	5	5.000,00€	\$5,700.00	29.750,00€	\$6,783.00
Tier 7 Supporting Sponsorship	20	15	2.000,00€	\$2,280.00	35.700,00€	\$2,713.20
Portable Dome	4	4	4.000,00€	\$4,560.00	19.040,00€	\$5,426.40
Transportation Sponsor	4	2	2.500,00€	\$2,850.00	5.950,00€	\$3.420.00
Coffee Sponsor (Morning or Evening)	7	4	1.000,00€	\$1,140.00	4.760,00€	\$4,560.00
Welcome Reception Sponsor	1	1	3.000,00€	\$3,420.00	3.570,00€	\$3,990.00
Grillfest/Biergarten Sponsor	1	1	3.500,00€	\$3,990.00	4.165,00€	\$4,560.00
Brunch Sponsor	1	1	3.000,00€	\$3,320.00	3.570,00€	\$3,990.00
Gala Dinner Sponsor	2	2	4.500,00€	\$5,130.00	10.710,00€	\$5,700.00
Bag Inserts	100	10	400,00€	\$456.00	4.760,00€	\$570.00.00
Local Sponsor Tier 1	2	0	12.605,04€	\$14,369.75	0 €	\$0
Local Sponsor Tier 2	3	3	8.403,36	\$9,579.83	30.000,00€	\$22,800.00
Local Sponsor Childcare	1	1	25.210,08€	\$28,739.49	30.000,00€	\$34,200.00
Delegate Registration	700	626	195.424,37€	\$222,783.78	232.555,00€	\$265,112.70
Gala Registration	420	361	25.575,63€	\$29,156.22	30.485,00€	\$34,695.90
FDF Registration	260	125	10.399,16€	\$11.855.04	12.375,00€	\$14,107.50
IMERSA Registration	260	125	8.403,36€	\$9,579.83	10.000,00€	\$11,400.00
LIPS Registration	260	125	3.676,47€	\$4,191.18	4.375,00€	\$4,987.50
Mid-Con Registration	589	589	19.968,07€	\$22,763.60	23.762,00€	\$27,088.68
Post Con Registration	134	134	41.512,61€	\$47,324.38	49.400,00€	\$56,316.00
Childcare Registration	50	46	7.731,09€	\$8,813.44	9.200,00€	\$10,488.00
Total Income					<u>873.047,00€</u>	<u>\$995,273.58</u>

This budget is left with a positive buffer of 12.655,19€ (\$14,426.92)

Stiftung Planetarium Berlin

Expenses

(based on 500 attendees including sponsors)

	Total Pre- VAT	Total with Tax Euro	Total with Tax USD
Space Rental	-160.000,00€	-190.400,00€	-\$217,056.00
A/V	-99.000,00€	-117.810,00€	-\$134,303.40
Catering (except Gala and Box Lunch included with Mid-Conference Tours)	-103.725,64€	-122.243,51€	-\$163,132.89
Transportation	-14.479,74€	-14.486,20€	-\$16,514.27
Stipends (10)	-8.242,94€	-9.809,10€	-\$11,182.37
Included Sponsor Registrations (64)	-52.754,82€	-62.778,24€	-\$71,567.19
Guest Speakers Stipends (4)	-15.126,05€	-18.000,00€	-\$20,520.00
Photographers	-2.689,08€	-3.200,00€	-\$3,648.00
Marketing & Printing	-3.860,00€	-4.593,40€	-\$5,236.48
Event Management	-64.129,83€	-76.314,50€	-\$86,998.53
Gala	-33.600,00€	-39.984,00€	-\$45,581.76
Fulldome Festival	-10.340,34€	-12.305,00€	-\$14,027.70
IMERSA	-8.407,56€	-10.005,00€	-\$11,405.70
LIPS	-3.676,00€	-4.374,44€	-\$4,986.86
Mid-Conference Tours	-11.279,14€	-13.422,18€	-\$15,301.29
Post Conference Tours	-41.264,49€	-49.104,74€	-\$55,979.41
Child Care (for 50 children including 4 stipends)	-32.886,55€	-39.135,00€	-\$49,772.21
Total Expenses		-787.965,31€	-\$898,280.45

Stiftung Planetarium Berlin

Income

(based on 500 attendees including sponsors and sponsor support from the last three IPS Conferences)

	Avail- able	Projected to be Covered	Unit Price Pre-VAT Euro	Unit Price Pre-VAT USD	Total with VAT Euro	Total with VAT USD
Tier 1 Sponsorship Dome	4	3	30.000,00€	\$34,200.00	107.100,00€	\$40,698.00
Tier 2 Sponsorship Dome	4	2	23.000,00€	\$26,220.00	54.740,00€	\$31,201.80
Tier 3 Sponsorship Cinema/Amphitheater	5	4	15.000,00€	\$17,100.00	71.400,00€	\$20,349.00
Tier 4 Sponsorship Conference Center	4	4	11.000,00€	\$12,540.00	52.360,00€	\$14,992.60
Tier 5 Sponsorship Exhibitor Only	4	4	7.000,00€	\$7,980.00	33.320,00€	\$9,496.20
Tier 6 Supporting Sponsorship	5	5	5.000,00€	\$5,700.00	29.750,00€	\$6,783.00
Tier 7 Supporting Sponsorship	20	15	2.000,00€	\$2,280.00	35.700,00€	\$2,713.20
Portable Dome	4	4	4.000,00€	\$4,560.00	19.040,00€	\$5,426.40
Transportation Sponsor	4	2	2.500,00€	\$2,850.00	5.950,00€	\$3.420.00
Coffee Sponsor (Morning or Evening)	7	4	1.000,00€	\$1,140.00	4.760,00€	\$4,560.00
Welcome Reception Sponsor	1	1	3.000,00€	\$3,420.00	3.570,00€	\$3,990.00
Grillfest/Biergarten Sponsor	1	1	3.500,00€	\$3,990.00	4.165,00€	\$4,560.00
Brunch Sponsor	1	1	3.000,00€	\$3,320.00	3.570,00€	\$3.990.00
Gala Dinner Sponsor	2	2	4.500,00€	\$5,130.00	10.710,00€	\$5,700.00
Bag Inserts	100	10	400,00€	\$456.00	4.769,00€	\$570.00.00
Local Sponsor Tier 1	2	0	12.605,04€	\$14,369.75	0€	\$0
Local Sponsor Tier 2	3	3	8.403,36	\$9,579.83	30.000,00€	\$11,400.00
Local Sponsor Childcare	1	1	25.210,08€	\$28,739.49	30.000,00€	\$34,200.00
Delegate Registration	700	426	142.340,34	\$162,267.99	169.385,00€	\$193,098.90
Gala Registration	420	361	25.575,63€	\$29,156.22	30.485,00€	\$34,695.90
FDF Registration	260	125	10.399,16€	\$11.855.04	12.375,00€	\$14,107.50
IMERSA Registration	260	125	8.403,36€	\$9,579.83	10.000,00€	\$11,400.00
LIPS Registration	260	125	3.676,47€	\$4,191.18	4.375,00€	\$4,987.50
Mid-Con Registration	589	589	12.926,05€	\$14,734.56	15.382,00€	\$17,353.48
Post Con Registration	134	134	41.512,61€	\$47,324.38	49.400,00€	\$56,316.00
Childcare Registration	50	46	7.731,09€	\$8,813.44	9.200,00€	\$10,488.00
Total Income					<u>801.506,00€</u>	<u>\$913,716.84</u>

This budget is left with a positive buffer of 13.540.69€ (\$15,436.39)

Stiftung Planetarium Berlin

Why Berlin and Jena?

Berlin: A City of Science, Culture and Advanced Learning

Berlin is a city dedicated to science, culture and education. Berlin's startup tech scene has really boomed over the last few years, bringing the cream of the crop from all over the world to live in Berlin. Furthermore, many prestigious and world-renowned institutions and research organizations are in Berlin. This includes the Robert-Koch-Institut, Humboldt University, several Fraunhofer-Institutes and Leibniz-Association research facilities, the Max-Planck-Institut, and the European Institute of Innovation and Technology.

On top of the afore mentioned scientific facilities and the three planetariums and two observatories of SPB, Berlin is also home to the Deutsches Zentrum für Luft- und Raumfahrt (DLR; German Aerospace Center), which partners regularly with the SPB.

Berlin is also home to the Long Night of Science, Long Night of Museums, and the Long Night of Astronomy celebrations.

Berlin is truly a place of informal learning as well, boasting almost 200 museums around the city. Museums in Berlin range from traditional history and art museums and zoos to pop culture museums like the David Hasselhoff museum.

Finally, it is impossible to talk about Berlin and not point out the endless arts opportunities. Berlin is home to two major and two minor opera houses, a symphony and many theaters.



Stiftung Planetarium Berlin

Weather

Berlin lies on at 52.6° Northern Latitude, which means in June, we have very long days – you can enjoy natural light until about 22:00 (about 17 hours of sunlight per day)! June is typically when the weather starts warming up a little more in Berlin. Temperatures are typically around 17°C (62.6°F) in the early morning and at night, while during the day it can reach at least 22°C (71.6°F). Berlin does occasionally experience heat waves in June, but the really hot weather doesn't usually start until later in the summer. Usually, in June, it is quite sunny. However, there are usually about 14 days of rain within the month. The good news is that these showers are often brief (offering the perfect amount of time to grab a cup of coffee).

Recreation

Berlin has much to offer when it comes to spare time. Of course, there are the major tourist sites like the TV Tower, Brandenburg Gate, and East Side Gallery. There are also many hidden gems, four opera houses and many other music venues, and lots of museums to explore as well. We recommend checking out VisitBerlin's guide. The guide has a search option, which allows you to narrow down your options to fit your taste perfectly! <https://www.visitberlin.de/en/sightseeing-in-berlin>



Stiftung Planetarium Berlin

Jena: Birthplace of Planetariums and City of Scientific Research

Jena is home to the birthplace of our community, our profession, our vocation. The first projection planetarium was created in Jena and started an amazing 100-year journey that has brought us all together. If you ever wanted to perform some planetarium genealogy, Jena is the place to go!

Jena is also home to scholars and scientists as well. Students come from all over the world to study at the university and colleges in Jena. The schools offer a broad spectrum of subjects, but specialize in Applied Sciences.

Jena is very much a city with small town charm. You will find regular markets in the square for produce and hand made goods, as well as excellent gastronomy throughout the city. The white asparagus is definitely a Jena must... as well as a Thüringen Bratwurst! Even just walking through the heart of town, you will find yourself completely immersed in the culture of the city.



Weather

Jena is situated about 163m above sea level. The climate in Jena is warm and moderate. Jena has a considerable amount of rainfall during the year. This also applies to the driest month. The climate in this Jena is classified as Cfb (warm and temperate, fully humid with a war summer), according to the Köppen-Geiger classification. June is the month with the highest precipitation of the year with 77 mm of precipitation. The sun does come out in June as well, though, and temperatures can be as low as 12°C (53.6°F) over night or as high as 23°C (73.4°F) during the day.

Stiftung Planetarium Berlin

Recreation

On nice days, there are several options for recreation in and around Jena. There are fabulous hiking trails into the different mountains that surround the city (usually with a Biergarten and Restaurant at the top). If you would like to stay in the city, there are also public thematic city tours (culinary, musical, philosophical) which can also be booked as group offers up to 25 people.

If the weather turns rainy, there are still many things to enjoy inside! Jena has several nice museums and historic buildings that can be visited, such as Imaginata, House of Romance Jena, and the Deutsches Optisches Museum.

For those itching to get away for the day, there are places near Jena that make perfect day trips. We suggest exploring the following:

- Leuchtenburg Castle
- Saalfeld Fairy Grottoes
- Heidecksburg Palace
- Naumburg's Cathedral of St Peter and St Paul



The teams in Berlin and Jena truly hope that we will be selected to host the IPS conference in 2024. We know we can offer something truly special to attendees (both in person and virtually), and cannot wait to share our cities with everyone.

We look forward to being **United Under the Sky** with everyone once again.

Stiftung Planetarium Berlin

Letters of Support

Dr. Mark Subbarao
President
International Planetarium Society

Geschäftsstelle der Gesellschaft:

c/o Steuerberater Dipl.-Volkswirt Gerhard Müller
Alte Bahnhofstraße 56
44892 Bochum

Absender:

Dr. Björn Voss
Sentruper Str. 285, 48161 Münster
+49 (0)251 591 6026

Datum: 2020-08-26

Letter in support of Stiftung Planetarium Berlin's and Zeiss-Planetarium Jena's bid to host the IPS2024 conference

Dear Mark,

On behalf of the board of the Society of German-Language Planetariums (GDP) I am writing to you in support of Stiftung Planetarium Berlin's Berlin and the Zeiss-Planetarium Jena's joint bid to host the upcoming IPS2024 conference. With more than 200 affiliate members and more than 30 IPS members, GDP is one of IPS's largest affiliate organizations. I believe Germany should have been a host country of an IPS conference already in the past; however as of yet no GDP planetarium has ever hosted an IPS conference. Thus I see very good reason to "finally" invite IPS's members to a conference here in Germany in the near future.

As you are well aware, IPS will celebrate the Centennial of the Planetarium in the years 2023-2025, therefore the 2024 conference should in our view ideally be hosted at or near the historic sites of Jena and Munich that were pivotal in the events that led to the introduction of the projection planetarium. The Stiftung Planetarium Berlin's bid with the Zeiss-Planetarium Jena addresses this aspect of the 2024 conference by proposing to hold a part of the conference where the first planetarium projector was made, which I strongly support.

Besides being the capital of Germany, Berlin is one of Europe's most celebrated cultural hubs, offering a rich variety of museums, arts and science venues, nightlife and more; and of course is known for its special role in world history as a city divided between East and West from 1961 to 1990, with traces of the Berlin Wall and related landmarks still visible in parts of the city today.

The Stiftung Planetarium Berlin operates four domes: One of the largest planetariums in Germany, the 23m "Zeiss Großplanetarium"; the 20m "Planetarium am Insulaner" with a connected large public observatory; the 8m dome within the "Archenhold-Sternwarte", another public observatory featuring the world's longest (sic) refracting telescope; and a 6m mobile dome. Planetarium Berlin's three

Internet: www.gdp-planetarium.org
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Sparkasse Bochum
IBAN: DE89 4305 0001 0000 4433 33
BIC: WELADED1BOC

eingetragen als gemeinnütziger Verein
beim Amtsgericht Charlottenburg
unter Nr. VR 30766 B
St.-Nr. 99018/59359

Vorstand:
Judith Holländer (Bochum),
Axel Krieger (Schwarz),
Inga Schlesier (Halle),
Dr. Andreas Schmidt (Erkrath),
Sebastian Thiele (Cottbus),
Andreas Vogel (Bremen),
Dr. Björn Voß (Münster)

sites present a diverse range of programs for about 400,000 visitors annually, many of whom are visiting Berlin as tourists from other countries – thus the Stiftung Planetarium Berlin has one of the most international audiences of all planetariums in GDP.

The Zeiss-Planetarium Jena is also one of the largest in Germany with a dome of 23m. The largest and oldest continuously operating planetarium serves around 150,000 visitors each year and draws an international audience with the successful Jena Fulldome Festival.

I personally know the Stiftung Planetarium Berlin's team as a very energetic and innovative group of international professionals, who already excelled in hosting GDP's 2017 conference with about 150 participants, making this one of the most successful and memorable GDP conferences.

I believe the unique combination of the Stiftung Planetarium Berlin's position in the "cultural city" of Berlin, their ability to field their four domes to cater to the diverse needs of conference delegates and sponsors, and their "conference proven" reliable team, Stiftung Planetarium Berlin is in an excellent position to host the IPS2024 conference. Furthermore, the experience of the team in Jena with hosting the Fulldome Festival each year rounds out this joint bid.

Since there has not yet been an IPS conference in the very country in which the foundations of our profession were laid, and with the Centennial of the laying of our foundations now coming up, I believe that it should be an almost natural choice to host the IPS2024 conference in Germany: preferably by a host which closely integrates their bid with the relevant historic site of Jena, as Planetarium Berlin and Zeiss-Planetarium Jena propose.

I hope to celebrate IPS2024 in Berlin and Jena!

Best regards,



Björn Voss

President of GDP

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IBAN: DE89 4305 0001 0000 4433 33
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Andreas Vogel (Bremen),
Dr. Björn Voß (Münster)

August 18, 2020

Mr. Mark SubbaRao
Adler Planetarium
1300 S. Lake Shore Drive
Chicago, Illinois USA 60605



Dear Mr. SubbaRao;

I write on behalf of the **Great Lakes Planetarium Association (GLPA)** in support of the joint Stiftung Planetarium Berlin and Zeiss-Planetarium Jena bid for hosting the 2024 conference of the **International Planetarium Society (IPS)**.

GLPA is among the largest regional planetarium organizations, serving members from the Great Lakes region of the United States and around the world. Our members are encouraged to participate in IPS and to attend the biennial IPS conferences whenever possible.

We of GLPA have direct experience in working with one of the potential conference organizers. Anna Green, Project Director for INTENSE & Exhibitions at Stiftung Planetarium Berlin, has been an active member of GLPA for several years. In 2017, while Director of the James S. McDonnell Planetarium in Saint Louis, she orchestrated and hosted the, **Pleiades National Planetarium Conference**. That conference brought together all seven of the United States regional organizations. Her experience in hosting that excellent event will serve both the Stiftung Planetarium Berlin - Zeiss-Planetarium Jena collaboration and IPS well in hosting the 2024 IPS conference

Sincerely,

Waylena McCully
GLPA President
glpa.org



PO Box 608
550 Elm Ridge Ave.
Canal Fulton, Ohio 44614-0608 USA

Telephone 330/854-2209
Fax 330/854-5376
E.mail clewis@astro-tec.com

August 25, 2020

Mark SubbaRao
IPS President
Adler Planetarium
1300 S. Lake Shore Drive
Chicago, Illinois 60605 USA

Mr. SubbaRao,

Astro-Tec Manufacturing, incorporated in 1963, has specialized in the manufacturing and installation of nearly 1000 planetarium projection domes worldwide. Throughout these decades we have partnered with dozens of companies to help implement and provide the tools necessary to provide state of the art venues to the astro-science community in the hopes of facilitating greater interest, and further learning in various fields, but specifically space and astronomy.

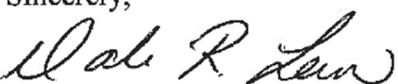
The Stiftung Planetarium Berlin (Berlin Planetarium Foundation), Germany, comprised of three campuses, The Zeiss-Großplanetarium, Planetarium am Insulaner/Wilhelm-Foerster-Sternwarte, and Archenhold-Stenwarte and Zeiss-Kleinplanetarium, has a rich history that unites the astronomical facilities of Berlin. Each site has or will be going through extensive renovations putting them at the forefront of sites capable of hosting an international conference.

In partnership with the Berlin Planetarium Foundation, the Zeiss planetarium in Jena, which opened July 18, 1926 with a 23 meter dome and 260 seats, will be celebrating its centennial in 2024 ,and hosting preconference activities such as the fulldome festival and IMERSA.

In addition to having the sites, exhibitions, and advanced technology that Berlin and Jena has to offer, Miss Anna Green has extensive experience in planning, coordinating, and hosting a large planetarium conference. In 2017 Miss Green hosted and led a team of organizers for the Pleiades National Planetarium Conference at the James S. McDonnell Planetarium at the Saint Louis Science Center in Saint Louis Missouri. Planning stages began in 2014 to prepare for a conference attended by almost 400 national/international delegates and sponsors. This conference in our view went seamlessly, and was a tremendous success.

Because of the rich history, dedicated sites, modern technology, and experience, Astro-Tec is happy to support and recommend the Stiftung Planetarium and the Zeiss-Jena Planetarium to host the 2024 IPS Conference.

Sincerely,


Dale R. Lewis – Vice President



August 20, 2020

Mark SubbaRao
IPS President
Adler Planetarium
1300 S. Lake Shore Drive
Chicago, Illinois USA 60605

Dear Mark,

Audio Visual Imagineering is pleased to offer this letter of support for the Stiftung Planetarium Berlin to host the IPS 2024 Conference.

It takes a powerful and experienced team to organize a great conference. Anna Green, who is currently at the Stiftung Planetarium Berlin, will be the lead on the conference planning, preparations and execution. We know Anna and her team organized the 2017 Pleiades Conference which also included the IPS Council Meeting. It was an extraordinary conference - well organized, well produced with wonderful entertainment experiences – the kind that draws the hearts of people together (I can remember it clearly as I write). That conference was thoroughly enjoyed by all the US regional associations, the IPS Officers and IPS Affiliate Reps. I know the sponsors were happy and satisfied – including all the international sponsors. Keeping sponsors happy is a great feat in and of itself. Anna and her team accomplished it all!

I am convinced the IPS 2024 Conference, under Anna's leadership, will prove to be even more successful than the Pleiades Conference. Why? Because expertise is important. Anna has learned so much more about conferences and will be working with the teams in Berlin and Jena who also have had experience in hosting conferences. Now that is a powerful team!

We look forward to our IPS Conferences. We are grateful to those who do all the work to make them successful.

Best regards,

A handwritten signature in black ink that reads "Joanne Young". The signature is fluid and cursive, with the first name being more prominent.

Joanne Young
Managing Director
407-859-8166



30 August 2020

Mark SubbaRao, President
International Planetarium Society

Re: 2024 IPS Bid from Stiftung Planetarium Berlin and Zeiss-Planetarium Jena

Dear Mark:

It is my pleasure to write in support of the bid by Stiftung Planetarium Berlin and Zeiss-Planetarium Jena to host the 2024 IPS conference.

I had the good fortune to attend the 2017 Society of German-Language Planetariums conference hosted in Berlin, and I think the quality of that experience speaks to the team's capacity to host a professional gathering the size of the IPS conference. As a frequent attendee of the FullDome Festival, I can also attest to the opportunities afforded by partnering with Jena—and I am delighted to imagine the synergy of the annual festival with the IPS conference!

Because 2024 lands right in the middle of the Planetarium Centennial, it seems only appropriate for the IPS meeting to be held in Germany. But beyond the historical resonance, I can think of no better showcase for the bright future of planetariums! Both Jena and Berlin have a lot to offer our community in terms of enrichment, from the arts and academic leanings of the FullDome Festival to the diverse astronomical offerings of the combined planetariums and observatories of Stiftung Planetarium Berlin.

Finally, given my rather vocal perspective on human rights concerns with the 2022 IPS site, I would note that, although hate crimes against LGBTQ+ people in Germany have increased worryingly in recent years, the country's government fundamentally recognizes the legal rights of its LGBTQ+ citizens. I can only speak for myself in saying that I have found Germany to be a welcoming country, and I hope that the recent trends in increased violence see an immediate and sustained reversal.

In short, I wholeheartedly and highly recommend to the IPS Board the selection of Stiftung Planetarium Berlin and Zeiss-Planetarium Jena as hosts for the 2024 IPS conference.

Regards,

Ryan Wyatt, Senior Director
Morrison Planetarium and Science Visualization

**CALIFORNIA
ACADEMY OF
SCIENCES**

55 Music Concourse Drive
Golden Gate Park
San Francisco, CA 94118



Dr. Mark SubbaRao
Kaoru Kimura
International Planetarium Society

August 25, 2020

Dear Mark and Kaoru,

This letter is in support of the Stiftung Planetarium Berlin/Planetarium Jena joint bid for the 2024 International Planetarium Society (IPS) conference. The team organizing this bid also hosted and implemented the 2017 Pleiades National Planetarium Conference in St. Louis, USA. The Adler Planetarium participated in that conference as a sponsor, and was very happy with how well-organized the sponsor-related aspects of the conference were, and how smoothly the entire conference ran. We would relish another opportunity to participate in a conference planned by this team, because we already know they have a detailed understanding of what it takes to successfully host several hundred planetarians from around the world.

I am also writing this letter as one of the hosts of the 2012 IPS Conference in Baton Rouge, USA. With 702 registered delegates, and 48 sponsors, it was the second-largest IPS Conference, and is widely considered one of, if not, the best IPS Conference to date. I was the Exhibition Coordinator, the person responsible for almost all sponsor/exhibitor-related content at the conference. Dealing with scheduling, booth locations, custom requests, and corporate egos on the planetarium field's biggest stage was no small task. Since then, the closest conference I've experienced with that level of sponsor/exhibitor complexity was the 2017 Pleiades Conference. That further affirms my belief that the organizing team is well positioned to implement a successful conference during the uniquely important Centennial of the Planetarium.

As a delegate, sponsor, and IPS Affiliate Representative, I look forward to celebrating the world's planetaria under the domes of the Stiftung Planetarium Berlin, and in Jena, the spiritual heart of our profession.

Respectfully,

A handwritten signature in black ink, appearing to read 'Mike Smail'.

Mike Smail
Adler Planetarium
Director of Theaters & Digital Experience
IPS2012 Conference Host
IPS Affiliate Representative - GLPA

Luzern, 2020-09-07 / mho

Subject: Letter of support for IPS 2024 in Berlin and Jena

Dear Planetarium colleagues, dear IPS delegates and members,

The Verkehrshaus Planetarium in Lucerne, Switzerland is the biggest Planetarium of the country and welcomes about 90000 visitors each year. We are part of Switzerland's most popular Museum, the Swiss Museum of Transport. In my role as Planetarium Director, I had the pleasure of attending Planetarium-related conferences, events and festivals in Berlin and Jena on several occasions, namely the 2017 conference of German speaking Planetariums and the Jena Fulldome Festival 2019 among them. I have always enjoyed these gatherings very much, they were very well organized by the host institutions and, as attendee, I always felt extremely welcome at both sites.

With great pleasure, I have learned of the bid to host IPS 2024 in Berlin and Jena. The location to celebrate the centennial of the modern Planetarium is ideal, with Jena being the origin city of the technology we all work with as well as the oldest still existing Planetarium in the world. The team at the Planetarium Jena is very experienced in organizing events for the global Planetarium community. With the annual Fulldome Festival in this beautiful city they host one of the most prestigious and important events in each Planetarian's yearly schedule. On the other hand, the Stiftung Planetarium Berlin is very well suited to host a large international conference. With its unique setup of two large Planetariums, two observatories as well as an additional small and a mobile dome, a museum, lecture halls and cinema it covers all the important topics of our field and is able to host a large number of attendees. In both cities, there are many hotels, bars and restaurants close to the conference/festival locations and everything is easily reachable by public transport.

I therefore wholeheartedly support the bid of Jena and Berlin to host IPS 2024 and I am looking forward to visit both sites again on this occasion.

Sincerely,



Marc Horat
Planetarium Director



Berlin Tourismus & Kongress GmbH

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about.visitBerlin.de

+ 49 (0) 30 26 47 48 - 0

Letter of Support

for the bid to host the

International Planetarium Society Conference 2024

Berlin, September 10^h 2020

Dear Members of the International Planetarium Society,

we are delighted that Berlin is being considered to host the biennial conference of the International Planetarium Society in 2024.

visitBerlin is responsible for promoting and marketing the tourism offerings of the City of Berlin around the world. The company's mission is to promote tourism, business travel, events, meetings and congresses as well as to provide information for congress participants and tourists. The *visitBerlin* Berlin Convention Office can guarantee that we will do everything in our power to ensure that your congress is a resounding success in Berlin.

We believe that Berlin is the ideal destination for a congress that is successful, meaningful and memorable. Our city is easily accessible, offers a wide range of both suitable and divers meeting facilities – such as the Messe Berlin – and has one of Europe's largest hotel landscapes. Berlin is one of the leading meeting destinations worldwide and shows its attractiveness and appeal in general high attendance numbers.

Together with our partner organizations, we support the Foundation Planetarium Berlin in hosting the International Planetarium Society Conference 2024.

Yours sincerely


Burkhard Kieker

Dr. Matthias Metz



Carl Zeiss AG ■ 73447 Oberkochen ■ Germany

To

International Planetarium Society

Mark SubbaRao, President

Kaoru Kimura, President-Elect

September 14th, 2020

ZEISS fully supports the application of Berlin and Jena as hosts for the 2024 IPS Conference

Dear Mr. SubbaRao and Ms. Kimura,

One hundred years ago Walther Bauersfeld embarked on a task which seemed unsolvable to both academia and industry: is it possible to construct and build a device to project the sky on a dome? The real sky with all the stars visible to the human eye? Oskar von Miller, founding director of the Deutsches Museum, had been requesting for many years an invention which would bring the stars to men and women.

Walther Bauersfeld, a ZEISS engineer in Jena, successfully built the first star projector. The test of the projector attracted about 80,000 people following the installation of the first dome on the roof of the ZEISS factory in Jena in 1924. Since then, the history of star projectors continues to be a global success story. We at ZEISS, together with planetarium teams all around the world, are proud of this technology and its power to educate and entertain millions of people all around the globe every year.

The bid of the Stiftung Planetarium Berlin, with its Zeiss-Großplanetarium - one of the most modern and largest planetariums in Europe- and our Zeiss-Planetarium in Jena, the oldest continuously operating planetarium in the world and the birthplace of today's star projector and full dome technology, is fully supported by ZEISS.

In addition to the fact that ZEISS, the houses of the Stiftung Planetarium Berlin and Zeiss-Planetarium Jena have been collaborating for decades, we would like to support the bid for two reasons. First, both organizations have proven themselves manifold regarding the capabilities to stage state-of-the-art conferences, events and festivals. Just to mention a few examples: The Full Dome Festival in Jena is the original and leading festival of its kind; the 2018 ISO SC7 Conference with an international professional audience; and regular customer events with participants from 30+ countries were always successful and highly appreciated by all guests. The planetarium teams have always excelled with customized and highly professional programs.



Second, both teams are working with the latest technology, the highest level of expertise with scientific and edutaining programs and are always going the extra mile to create events that will be fondly remembered.

We from ZEISS wish the 2024 IPS Conference team much success with the preparation of their conference and look forward to contributing as a supporter and as THE planetarium brand.

A handwritten signature in black ink, appearing to read "Matthias Metz", followed by a stylized circular flourish.

Dr. Matthias Metz
Member of the Executive Board of ZEISS Group

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Stiftung Planetarium Berlin

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