# CONTENT

- General Information .................................................. 3
- Welcome Message .................................................... 5
- Welcome to Slovakia .................................................. 6
- How to get to Bratislava .............................................. 7
- Transportation & Distance .......................................... 8
- Useful information .................................................... 10
- Registration ............................................................. 12
- Accommodation ....................................................... 15
- IIW 2019 Schedule at a Glance .................................... 18
- Programme Overview ............................................... 19
- Technical Commissions & Working Units ...................... 20
- IIW 2019 International Conference .............................. 22
- Social Events ........................................................... 23
- Technical Tours .......................................................... 25
- Sightseeing Tours ..................................................... 27
- IIW Member Countries ............................................... 28
# GENERAL INFORMATION

## Time & Venue

<table>
<thead>
<tr>
<th>Time:</th>
<th>7 – 12 July, 2019</th>
</tr>
</thead>
</table>
| **Main IIW 2019 venue:** | Crowne Plaza Bratislava  
Hodžovo námestie 568/2  
816 25 Bratislava  
Slovakia |
| **IIW 2019 other venues:** | Hotel Tatra  
Námestie 1. mája 5  
811 06 Old town Bratislava  
Slovakia  
Austria Trend Hotel  
Vysoká 2A, Old town, 811 06  
Bratislava  
Slovakia |

## Contact Information

**The 72nd IIW Annual Assembly & International Conference Secretariat**

### GUARANT International

| Address: | Na Pankrác 17  
140 21 Prague 4  
Czech Republic |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Contact Person:</td>
<td>Petra Zavodna</td>
</tr>
<tr>
<td>Phone:</td>
<td>+420 284 001 444</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:iiw2019@guarant.cz">iiw2019@guarant.cz</a></td>
</tr>
</tbody>
</table>
The Welding Research Institute is an internationally acknowledged, scientific-research, development and manufacturing centre, active mainly in the field of welding and allied technologies and processes. It was established in Bratislava in the year 1949 and it provides continually the innovative solutions for the industry in the field of material research, welding, surfacing, brazing/soldering, spraying, thermal cutting and heat treatment on the highest professional level for almost 70 years. It is also the member of the International Institute of Welding (IIW) and the European Welding Federation for welding joining and cutting (EWF).

The Welding Research Institute is organising the education of welding personnel in accordance with EWF, IAB and NDT guidelines. It certifies the welding and NDT personnel, the quality management systems for welding and products. It also acts as a Notified Person with authorisation to certify the selected welding equipments.

The Welding Research Institute is extremely active in the solution of excellence research and development and other professional projects within the international partnerships, including the prestigious projects of the Seventh Framework Programme and Horizont 2020.
It will be an honour again after 40 years to welcome the delegates and partners of IIW 2019 to the capital city of Bratislava for the biggest welding event in the world, the 72nd IIW Annual Assembly and International Conference, which will be held from 7 to 12 July 2019.

In 2019, the Welding Research Institute will also celebrate the 70th anniversary of its founding. This will provide the opportunity to explore its 70-year history of research and development of materials, welding equipment and technologies related to joining materials and cooperation with international institutions and organisations such as IIW and EWF.

Although Slovakia is such a small country with only a population of 5 million, it has provided a great deal of innovative knowledge on welding to the whole international community. The name of Professor Čabelka, founder of the Welding Research Institute, is known almost worldwide. This makes us even more eager to welcome you again to such an important event for the welding community in Bratislava in what is our jubilee year.

The main topic of the International Conference and the event in general will be: “New Progressive Materials and Welding Methods in the Automotive Industry”. This topic was chosen because the new technologies required for the automotive industry will have to be developed in Slovakia, as we are the largest automobile producer per capita in the world. We are organising this event in an effort not only to create a meeting place for experts from all over the world, but also to try and create an unforgettable and friendly atmosphere to allow the greatest possible exchange of information on innovative technologies, new trends in welding and soldering. We want to provide opportunities for creating global contacts and links to support research activities and to reinforce personal relationships and friendships. We are fully aware that accelerating information technologies and transport options are already disrupting barriers to the exchange of information and creation of world class international teams and we hope that our event continues to support this trend.

We look forward to your participation and believe that IIW 2019, as it has previously, will be held in the spirit of a collegial and friendly atmosphere.

Let’s meet in Bratislava in 2019 – your presence will be a key part in the event’s success!

Peter Durík
Chairman of the Organizing Committee
WELCOME TO SLOVAKIA

Slovakia
The Slovak Republic is a landlocked country in the heart of Europe. Its capital is Bratislava. Slovakia is surrounded by 5 neighbours: on the west by the Czech Republic and Austria, in the north by Poland, on the east by Ukraine, and by Hungary in the south. The republic was established on 1 January 1993 after Czechoslovakia split into two countries – the Czech Republic and Slovakia. Even though its territory is only 49,036 square kilometres in size, this small country has many attractions to offer.

Slovakia has many great UNESCO cultural and national heritage treasures. It has the beautiful High Tatra mountains, unique underground caverns and diverse nature that changes over four seasons. The healing powers of thermal springs are a favourite for relaxing at Slovak spas. Visiting such a beautiful country means the great Slovak cuisine should be savoured with excellent Slovak beer and wines.

Bratislava
Bratislava is a metropolitan city with almost half a million population. The country has been a member of the European Union since 2004. Its official currency is the euro. Bratislava is only capital in the world located on the border of three countries – Slovakia, Austria and Hungary, and the closest to another capital – Vienna. As an environmentally friendly city on the Danube, Bratislava has unspoilt natural treasures and protected natural habitats of European significance.
HOW TO GET TO BRATISLAVA?

The only official arrival hubs are Vienna International Airport (VIE), Bratislava Airport (BTS) and Bratislava Central Train Station.

BRATISLAVA AIRPORT (BTS)

You can fly to Bratislava directly from many European cities. Bratislava airport can be reached from the city centre in 15 – 20 minutes.

The airport is located in the eastern part of the capital city of Bratislava, with a direct link to the D1 motorway by-pass.

The Bratislava Airport terminal consists of the main terminal building A as well as terminal B for non-Schengen arrivals and departures.

A taxi to the city centre costs around 15 €.

VIENNA INTERNATIONAL AIRPORT (VIE)

The airport at Vienna-Schwechat is only 50 kilometres west of Bratislava and is used by Slovaks mainly for long-haul flights. It is one of the main gateways to Slovakia. Buses to Bratislava depart at 30 to 60-minute intervals. Tickets can be bought on the bus.

The journey takes approx. 1 hour.
Bratislava Airport (BTS) is located 15 – 20 minutes from the centre. Bus No. 61 links Airport Bratislava to the city centre in the direction from the Main Railway Station (Hlavná železničná stanica).

Vienna International Airport in Swechat VIE is only 50 km from the centre of Bratislava. A journey by highway from the airport only takes 45 minutes. A Slovak taxi from the airport to Bratislava is about 50 €.

Regular buses running to the centre of Bratislava and Bratislava airport (BTS) are provided by:

**Slovak Lines:**
https://www.slovaklines.sk/main-page.html

**Timetable:** https://www.slovaklines.sk/fileadmin/user_upload/pdf/wien.pdf

**Tickets:** https://www.slovaklines.sk/fileadmin/user_upload/pdf/cennik_vieden.pdf

**Regiojet:**

**From Vienna by train:** Direct trains to Bratislava Central Train Station depart from Vienna Central Train Station approx. every hour. The journey takes around 1 hour. The exact departure times can be found on the Slovakrail website.

**TAXI**
It is less expensive ordering a taxi over the phone than hiring a taxi from a taxi stand or stopping a taxi on the street. The minimum charge for a short-distance trip is around 5 €. We recommend checking the price with the driver before getting in the vehicle. Every taxi must have a price list displayed in a visible location, and a fare meter must be used.

It is also convenient ordering a taxi the HOPIN application, which you can download on your mobile phone:

**Google Play Store:**

**App Store:**
https://itunes.apple.com/sk/app/hopintaxi/id733348334?mt=8

All taxis must carry a yellow “taxi” sign, name of the taxi service, prices and the driver’s ID. A general recommendation is to avoid taxis which do not have a short telephone number or do not have the company name written on the vehicle.

**Prices of taxi services may differ significantly. By entering the taxi, you automatically agree to the taxi’s fare. Taxi drivers sometimes try to overcharge tourists by adding unauthorised charges or not re-setting the meter at the start of a journey. Insist that you’ll pay only the fare shown on the meter.**

Taxis waiting at taxi stands (including taxis waiting at the railway station, bus stations, airport terminals) or hailed on the street are rather expensive (15 euros or more, even for short trips). A significantly cheaper option is to order a taxi by phone. Taxis will usually arrive within 10 min of the call.
TRANSPORTATION & DISTANCE

PUBLIC TRANSPORT
All registered participants will receive a free PUBLIC TRANSPORT TICKET (received on-site at the registration desk and valid for the dates of the IIW 2019).

Tickets for public transport are valid only for a certain time and are available from ticket-machines or kiosks. They must be validated once inside the tram/bus. Tickets are valid for all forms of public transport in the city and remain valid when changing from one form to another. Tickets are valid for a minimum of 15 minutes or the longest for 7 days. Find schedules, journey planners, routes and tickets at imhd.sk.

Trams
Trams are the most popular and fastest form of public transport in the city. They are reliable and on time and generally run from 5 a.m. to 11:30 p.m. Find schedules, journey planners, routes and tickets at imhd.sk.

Buses
Buses are also widely available in the public transport system. Express services run on the longer routes through the city. After midnight, night buses operate in Bratislava at roughly one hour intervals. Find schedules, journey planners, routes and tickets at imhd.sk.

Trolley-buses
Some routes in the city centre, mainly in its hilly parts, are electrified and serviced by trolley-buses. They have a long tradition in Bratislava and have been operating here for more than 100 years. Find schedules, journey planners, routes and tickets at imhd.sk.

ON FOOT
A great advantage in Bratislava is its compact centre, and the whole of the Old Town is a pedestrian zone. The Old Town, Castle and most of the attractions are easily reached on foot.
Passports & Visas
Visas are generally not needed for stays of up to 90 days.
Visitors from non-EU countries must possess a passport valid for at least three months longer than the planned date of departure from Slovakia. Participants requiring a visa should apply immediately to the consular office or embassy of Slovakia in their home country in order to avoid inconvenience. Please note that the visa application process can take up to 6 weeks.

By applying for a Slovak Visa, a foreigner applies for a so-called Schengen Visa that allows him/her to travel inside the Schengen Area without any restrictions. Schengen Visa holders do not need an additional special visa for Slovakia.

People living in the EU may travel to other EU countries without a visa, but an ID card or passport is required.

We strongly advise you to apply at least one month before the IIW 2019. The Conference Secretariat assists delegates by processing the official invitations on request. These letters do not commit the Local Organiser to any financial obligation.

List of countries whose citizens need a visa to travel to Slovakia: https://www.slovakia.com/visas/

For more information see https://www.schengenvisainfo.com/ and http://www.mzv.sk/web/en/consular_info

Language
The official language of the Slovak Republic is Slovak. However, English is often spoken in major cities. The official language of the 72nd IIW Annual Assembly and International Conference is English.

Climate
The average temperature in Slovakia in July is 27°C (80°F), the average low is 22°C (80°F), and the average high is 32°C (88°F). July is high summer in Slovakia, and some heavy rainfalls can occur from time to time because of the hot weather.

Currency
The official currency in Slovakia is the euro (currency code EUR). Most major credit cards are accepted in hotels and shops. Visa and Mastercard are accepted at the IIW 2019 registration desk. Personal or company cheques will not be accepted.

The euro exchange rate for 1 € is 1.12674 USD.

Money can be changed at most banks throughout the country, or at currency exchange locations (often a booth at an airport, larger train station, tourist area and in most larger towns). Banks are usually open 9:00 – 17:00.

Euro coins have 8 values: 1 c, 2 c, 5 c, 10 c, 20 c, 50 c, 1 € and 2 €. All euro coins have a common side and a national side chosen by the respective national authorities. Of course, any euro coin is valid in any country of the eurozone.

Since the IIW 2019 venue is in the centre of the city, the nearest ATM can be found in a nearby area.
USEFUL INFORMATION

Time
Slovakia is in the Central European Time Zone. Central European Standard Time (CET). Slovakia is 2 hours ahead of Greenwich Mean Time (GMT+2) in summer and 1 hour ahead of Greenwich Mean Time (GMT+1) in winter.

Tap water
Tap water is good and perfectly safe to drink across the country, although in some small towns, the chlorine can be quite strong.

Electricity and Voltage
Power sockets and plugs in Slovakia are type E. The standard voltage is 230 V and the standard frequency is 50 Hz.

Telephone services
When calling to Slovakia, use international prefix (+421 or 00421) + area code (Bratislava area code is 2) + local number.

Emergency and Useful Phone Numbers

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Main Emergency</strong></td>
<td>112</td>
</tr>
<tr>
<td><strong>Ambulance</strong></td>
<td>155</td>
</tr>
<tr>
<td><strong>Police</strong></td>
<td>158</td>
</tr>
<tr>
<td><strong>City Police</strong></td>
<td>159</td>
</tr>
<tr>
<td><strong>Fire Dept</strong></td>
<td>150</td>
</tr>
<tr>
<td><strong>Country Code</strong></td>
<td>+421</td>
</tr>
<tr>
<td><strong>City Code</strong></td>
<td>2+ local number</td>
</tr>
</tbody>
</table>
Those wishing to be officially registered as a delegate or member of a specific commission(s) or group(s) are invited to contact their national Member Society for official appointment.

i. Young professionals must be able to provide evidence that they have been employed in the field of materials joining for not more than five years and under the age of 35.
ii. Proof of student status will be required.
iii. Only persons registered as Delegate/Expert/Observer or Young Professional will be entitled to register any “Accompanying Persons”.

Fees are quoted in EUR. These prices are final. VAT will be applied under current legislation.

Note: Payments must be received by the corresponding deadlines (early or regular), otherwise the subsequent rate will be automatically applied.
REGISTRATION

Delegate, Expert, Observer
1. Access to all sessions including the Annual Assembly, International Conference and Exhibition
2. Name badge, conference bag and handbook
3. One ticket to the Welcome Reception
4. One ticket to the Slovak Evening
5. One ticket to the Gala Banquet

Young Professional
1. Access to all sessions including the Annual Assembly, International Conference and Exhibition
2. Name badge, conference bag and handbook
3. One ticket to the Welcome Reception
4. One ticket to the Slovak Evening
5. One ticket to the Gala Banquet
6. One ticket to the Young Professional’s Evening and Ice Breaker session

*Young professionals must be able to provide evidence that they have been employed in the field of materials joining for not more than five years and are under the age of 35.

Student (Annual Assembly and International Conference)
1. Access to all sessions including the Annual Assembly, International Conference and Exhibition
2. Name badge, conference bag and handbook
3. One ticket to Welcome Reception
4. One ticket to Slovak Evening
5. One ticket to the Gala Banquet
6. One ticket to the Young Professional’s Evening and Ice Breaker session

*Students must be able to supply documentary evidence as proof of their student status.

Student (International Conference Only)
1. Access to International Conference and Exhibition
2. Name badge, conference bag and handbook
3. USB Conference Proceedings

*Students must be able to supply documentary evidence as proof of their student status.

International Conference Only
1. Access to International Conference and Exhibition
2. Name badge, conference bag and handbook
3. USB Conference Proceedings

Accompanying Persons Registration includes (Annual Assembly Only)
1. Name badge
2. One ticket to the Welcome Reception
3. One ticket to the Slovak Evening
4. One ticket to the Gala Banquet

Methods of payment
Registration fees must be paid in EUR by one of the following methods:
1. Credit or Debit Card
2. Bank Transfer

Payment can be made by credit card or bank transfer when registering on the website. Credit cards and cash are accepted at the registration desk. Please note that bank transfer payments will only be accepted by 24 June 2019. After this date, only payments by credit/debit cards will be accepted using the On-line Payment System. All bank transfer amounts should be minus bank charges. Any banking fees accrued from the transfer is the responsibility of each party.
Cancellations and Refunds
The Conference Secretariat must be notified in writing by e-mail iiw2019@guarant.cz or fax (+420 284 001 448) if cancelling registration. Cancellation by phone will not be accepted. The appropriate refunds will be made after the IIW 2019.

The following cancellation conditions apply:

<table>
<thead>
<tr>
<th>Cancellations received</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>before 7 May 2019</td>
<td>full refund of the registration fee, handling fee of 30 € will be deducted</td>
</tr>
<tr>
<td>8 May – 7 June 2019</td>
<td>50 % of the registration fee</td>
</tr>
<tr>
<td>from 8 June 2019</td>
<td>no refund</td>
</tr>
</tbody>
</table>

If a change or cancellation made by a participant in registration or accommodation results in a refund, GUARANT International reserves the right to charge a 30 € handling fee.

Name change
If the participant is prevented from attending, a colleague may be sent instead. Name changes should be reported in writing to the Conference Secretariat. A handling fee of 30 € will be charged for each name change. No name change will be possible after 8 June 2019.

Visa Requirements
Invitation letters for visa purposes can only be sent to participants who have completed the registration process.

On-site Registration and Registration Desk
Registered attendees should collect their registration package at the registration desk located in the Crowne Plaza Bratislava Hotel. The registration desk will be open from Saturday 6 July to Friday 12 July 2019.
## ACCOMODATION

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Price in EUR SGL / DBL</th>
<th>Distance to the Crowne Plaza</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEADQUATER HOTELS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crowne Plaza ****</td>
<td>100 / 120</td>
<td>Main IIW 2019 venue</td>
</tr>
<tr>
<td>standard room</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tatra ****</td>
<td>95 / 115</td>
<td>IIW 2019 venue (2 – 4 min walk)</td>
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<tr>
<td>standard room</td>
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</tr>
<tr>
<td>Austria Trend ****</td>
<td>115 / 120</td>
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<td>deluxe room</td>
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<tr>
<td><strong>HOTELS CLOSE TO THE VENUE</strong></td>
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<tr>
<td>Falkensteiner ****</td>
<td>111 / 133</td>
<td>5 min walk (400 m)</td>
</tr>
<tr>
<td>comfort room</td>
<td></td>
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<tr>
<td>ibis Bratislava Centrum ***</td>
<td>72 / 75</td>
<td>IIW 2019 venue (2 – 4 min walk)</td>
</tr>
<tr>
<td>standard room</td>
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</table>
ACCOMODATION

Crowne Plaza ****
Main IIW 2019 venue
Hodžovo námestie, 568/2 816 25 Bratislava, Slovakia
Phone: +421 2/593 481 11
https://cpbratislava.sk/

Austria Trend Hotel ****
IIW 2019 venue
Vysoká 2A, Old town, 811 06 Bratislava, Slovakia
Phone +421 2/527 758 00
https://www.austria-trend.at/en/hotels/bratislava
ACCOMODATION

Hotel Tatra ****
IIW 2019 venue
Námestie 1. mája 5, 811 06 Old town, Bratislava, Slovakia

Phone: +421 2/592 721 11
https://hoteltatra.sk/en/

Hotel Ibis Bratislava Centrum ***
800 m to the venue
Zámocká 7013/38, 811 01 Bratislava, Slovakia

Phone: +421 2/592 920 00

Falkensteiner Hotel Bratislava ****
550 m to the venue
Piláríkova 7372/5, 811 03 Bratislava, Slovakia

Phone: +421 2/592 361 00
https://www.falkensteiner.com/en/hotel/bratislava
## IIW 2019 Schedule At Glance

<table>
<thead>
<tr>
<th>SUNDAY 7 July 2019</th>
<th>MONDAY 8 July 2019</th>
<th>TUESDAY 9 July 2019</th>
<th>WEDNESDAY 10 July 2019</th>
<th>THURSDAY 11 July 2019</th>
<th>FRIDAY 12 July 2019</th>
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<tbody>
<tr>
<td>BoD</td>
<td>IAB-A</td>
<td>IAB-B</td>
<td>IAB Board</td>
<td>Opening of International Conference</td>
<td>TMB Meeting</td>
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<tr>
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<td>Technical WUS</td>
<td>Technical WUS</td>
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<td>IAB Members</td>
<td>International Conference</td>
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<tr>
<td>IIW General Assembly</td>
<td>Technical &amp; Sightseeing Tours</td>
<td>Technical &amp; Sightseeing Tours</td>
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<td>Opening Ceremony</td>
<td>National Delegation Meeting</td>
<td>National Delegation Meeting</td>
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<td>Chairs &amp; TMB</td>
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<tr>
<td>Young Professional Ice Breaker Session</td>
<td>Slovak Evening</td>
<td>Young Professional’s Evening</td>
<td>Gala Banquet</td>
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<tr>
<td>Welcome Reception</td>
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<tr>
<td>Saturday 6 July 2019</td>
<td>Sunday 7 July 2019</td>
<td>Monday 8 July 2019</td>
<td>Tuesday 9 July 2019</td>
<td>Wednesday 10 July 2019</td>
<td>Thursday 11 July 2019</td>
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<td>13:00 – 18:00</td>
<td>08:00 – 18:00</td>
<td>07:30 – 18:00</td>
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<td>07:30 – 18:00</td>
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<td>Exhibition</td>
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<td>BoD Meeting</td>
<td>Working Units 1st Morning session</td>
<td>Working Units 1st Morning session</td>
<td>Working Units 1st Morning session</td>
<td>International Conference</td>
<td>TMB</td>
</tr>
<tr>
<td>General Assembly</td>
<td>Coffee Break</td>
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<td>Coffee Break</td>
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<td>Coffee Break</td>
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<td>YP Ice Breaker</td>
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<td>International Conference</td>
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<td>session</td>
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<td>18:15 – 19:30</td>
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<td>12:30 – 14:00</td>
<td>12:30 – 14:00</td>
<td>12:30 – 14:00</td>
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<td>Opening ceremony</td>
<td>Lunch Break</td>
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<td>Welcome Reception</td>
<td>Working Units 1st Afternoon Session</td>
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<td>Working Units 1st Afternoon Session</td>
<td>International Conference</td>
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<td>Coffee Break</td>
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<td>Working Units 2nd Afternoon session</td>
<td>Working Units 2nd Afternoon session</td>
<td>Working Units 2nd Afternoon session</td>
<td>International Conference</td>
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<td>19:00 – 23:00</td>
<td>19:00 – 23:00</td>
<td>19:30 – 23:00</td>
<td>Gala Banquet</td>
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TECHNICAL COMMISSIONS & WORKING UNITS

Commissions
C-I Additive Manufacturing, Surfacing, and Thermal Cutting
C-II Arc Welding and Filler Metals
C-III Resistance Welding, Solid State Welding and Allied Joining Processes
C-IV Power Beam Processes
C-V Quality Control and Quality Assurance of Welded Products
C-VI Terminology
C-VII Microjoining and Nanojoining
C-VIII Health, Safety and Environment
C-IX Behaviour of Metals Subjected to Welding
C-X Structural Performances of Welded Joints – Fracture Avoidance
C-XI Pressure Vessels, Boilers and Pipelines
C-XII Arc Welding Processes and Production Systems
C-XIII Fatigue Behaviour of Welded Components and Structures
C-XIV Education and Training
C-XV Design, Analysis and Fabrication of Welded Structures
C-XVI Polymer Joining and Adhesive Technology
C-XVII Brazing, Soldering and Diffusion Bonding
C-XVIII Quality Management in Welding and Allied Processes

C-II-E Standardization and Classification of Weld Filler Metals
C-III-A Resistance Welding and Allied Processes
C-III-B Friction Based Processes
C-III-WGS Standardization
C-IV-A Laser Beam Processes
C-IV-B Electron Beam Processes
C-IV-C Laser Arc Hybrid Welding
C-V-A Radiographic-based Weld Inspection Techniques
C-V-C Ultrasonic-based Weld Inspection Techniques
C-V-C-a Development of a Methodology to Use FMC and TFM for field Inspections
C-V-C-b Review of the Proposal for IIW to Own the V3 Ultrasonic Calibration Block Design
C-V-D Structural Health Monitoring
C-V-E Weld Inspection Based on Electric, Magnetic and Optical Techniques
C-V-E-a MMM-Techniques
C-V-E-b Revision of ISO 24497 Taking into Account Outstanding ISO and IIW Comments Lead
C-V-F NDT Reliability Including Simulation of NDT Techniques
C-VI-A IIW-Thesaurus
C-IX-WGI Mathematical Modelling of Weld Phenomena
C-IX-C Creep and Heat Resistant Welds
C-IX-H Weldability of Stainless Steels and Nickel-based Alloys
C-IX-L Low Alloy Steel Welds
C-IX-NF Non-ferrous Materials
C-X-A Welding Residual Stresses in Thick Steel Structures
C-XI-A Correlation of Toughness Data
C-XI-E Transmission Pipelines
C-XI-H Performance of Welds for Hydrogen Service

Sub-Commissions
C-I-C Surfacing
C-I-E Thermalcutting and Related Processes
C-I-F Additive Manufacturing
C-II-A Metallurgy of Weld Metal
C-II-C Testing and Measurement of Welds

C-II-E Standardization and Classification of Weld Filler Metals
C-III-A Resistance Welding and Allied Processes
C-III-B Friction Based Processes
C-III-WGS Standardization
C-IV-A Laser Beam Processes
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TECHNICAL COMMISSIONS & WORKING UNITS

C-XII-A Sensors and Control
C-XII-B Arc Welding Processes
C-XII-C Production Systems and Applications
C-XII-D Underwater Engineering
C-XII-E Quality and Safety in Welding
C-XIII-WG1 Fatigue Testing and Evaluation of Data for Design
C-XIII-WG2 Techniques for Improving the Fatigue Strength of Welded Components and Structures
C-XIII-WG3 Stress Analysis
C-XIII-WG4 Effects of Weld Imperfections on Fatigue Strength
C-XIII-WG5 Life Extension of Welded Structures by Repair, Retrofitting and Structural Monitoring
C-XIII-WG6 Residual Stress Effects in Fatigue
C-XV-A Analysis
C-XV-B Design
C-XV-C Fabrication
C-XV-D Planar Structures
C-XV-E Tubular Structures
C-XV-F Economy
C-XVII-A Brazing
C-XVII-B Diffusion Bonding
C-XVII-C Soldering
JWG XIII-XV Joint Working Group

Study Group (SG)
SG-212 The Physics of Welding

BOARD/Board of Directors
TMB Technical Management Board
WG-RA Working Group Regional Activities
WG-STAND Standardization
TG-YL Young Leaders

TMB/Technical Management Board
SG-RES Welding Research Strategy and Collaboration
WiW EdBoard Editorial Board for Welding in the World
CHAIRWU Chairs of Working Units

International Authorization Board

IAB Groups
IAB-Board Board of IAB
IAB-GroupA Education, Training and Qualification
IAB-GroupB Implementation, Authorization
IAB-MM IAB Members Meeting
Conference topic

“New Progressive Materials and Welding Methods in the Automotive Industry”

The aim of the conference is to provide opportunities for creating global contacts and links to support research activities and to reinforce personal relationships and friendships.

Discussion topics

1. Automotive Applications of Welding Technology
2. Automotive Corrosion
3. Modern Joining Procedures in the Automotive Industry
4. Advanced Welding Processes
5. Robotic Welding in the Automotive Industry
6. Joining of Advanced Steels
7. Adhesive Bonding
8. Joining Dissimilar Materials
9. Non-sheet-metal Automotive Joining
10. Welding and Joining Process Simulation

Important Dates

Abstract submission deadline:
15 February 2019

Notification of acceptance:
29 March 2019

Submission of camera-ready manuscripts:
1 June 2019

International Conference:
11 – 12 July 2019
SOCIAL EVENTS

Opening Ceremony & Welcome Reception

Venue & Address: DoubleTree by Hilton Trnavská cesta 27/A, Bratislava
Date: Sunday, 7 July 2019
Time: 18:15 – 22:00
Dress code: Business Attire

The Opening Ceremony of the 72nd IIW Annual Assembly and International Conference will welcome all participants, sponsors and exhibitors. The programme includes short speeches by the IIW President, followed by the traditional IIW Prizes and Awards ceremony. The Welcome Reception will follow the Opening Ceremony and offer light refreshments and beverages.

Slovak Evening

Venue & Address: The Old Market Hall Námestie SNP 484/25, Bratislava
Date: Monday, 8 July 2019
Time: 19:00 – 23:00
Dress code: Casual

Delegates can discover Slovak culture at the Slovak Evening, with typical slovak food, musical performances and traditional Slovak dishes, wine and beer.
SOCIAL EVENTS

Young Professional’s Evening

Venue & Address: Danube Brewery (Dunajský pivovar)
Tyršovo nábřeží, Bratislava
Date: Tuesday, 9 July 2019
Time: 19:00 – 22:30
Dress code: Casual

This networking session for young professionals in welding is a perfect opportunity to share ideas and connect.

Gala Banquet

Venue & Address: Refinery Gallery
Vlčie hrdlo, Bratislava
Date: Wednesday, 10 July 2019
Time: 19:30 – 23:00
Dress code: Business Attire

The Gala Banquet offers a delicious dinner and great entertainment. The programme includes short speeches and the IIW Flag Handover Ceremony.
TECHNICAL TOURS

Refinery Slovnaft

Date
9 July 2019
10 July 2019
11 July 2019

Fee 35 €

The Bratislava refinery belongs to SLOVNAFT Plc. and has a processing capacity of 124 000 bpd (6.1 mtpa). Operation began in 1957, but the history of the refining industry in Bratislava dates back to 1895. In 1895, the Municipal Council of Bratislava consented to constructing a mineral oil refinery called Apollo. Unfortunately, this refinery was bombed during World War II. The new refinery was relocated and named the Slovnaft refinery. It processes mainly Russian crude from the Friendship Crude Pipeline.

The refinery’s high complexity (NCI = 11.5) ranks it as one of the most complex refineries in Europe.

Hydroelectric power plant Gabčíkovo

Date
9 July 2019: 09:30 – 11:00
11 July 2019: 09:30 – 11:00
12 July 2019: 12:30 – 14:00

Fee 30 €

Gabčíkovo was operated by Slovenské elektrárne until 10 March 2015, when the operation was taken over by Vodohospodárska výstavba, a 100% state owned Slovak company.

Built at the border on the Danube river, the Gabčíkovo hydroelectric power plant is the country’s largest hydroelectric power plant in terms of electricity output. Even after Hungary’s withdrawal from the construction of the System of Water Works Gabčíkovo-Nagymaros, the Gabčíkovo stage is the same design as in the original contract. Eight sets with an output of 90 MW each are installed at the HPP. Six of these transmit power via an encapsulated 400 kV substation, and some outlets also transmit to Hungary. The headwater channel to the HPP also forms a part of the Rhyne-Mohan-Danube international waterway and has a lock and weir. The tour covers the engine room and lock chambers.

Included in the tour: Transportation AC bus, tour guide, entry fee, water
TECHNICAL TOURS

Volkswagen Production Compact tour

Date
8 July 2019: 09:30 – 11:30
9 July 2019: 14:00 – 16:00
10 July 2019: 09:30 – 11:30
11 July 2019: 09:00 – 11:00 & 15:00 – 17:00
12 July 2019: 09:00 – 11:00

Fee
40 €

This tour offers the unique opportunity to see and understand the production process up close. It includes a tour of the press shop, body shop, aggregate hall and Auto Forum. Visitors can learn about the history and see the steps in manufacturing a car.

Included in the tour: Transportation AC bus, tour guide, entry fee, water
SIGHTSEEING TOURS

The following tours for delegates and accompanying persons will soon be available for booking online.

Bratislava Walking Tour
Fee: $12
Duration: 2 hours

Museum of Modern Art Danubiana
Tour by speedboat
Fee: $100
Duration: 3 hours

Tour by bus
Fee: $80
Duration: 3 hours

Small Carpathian Wine Tour
Fee: $95
Duration: 6 hours

Devin Castle and Currant Wine Tasting
Tour by speedboat
Fee: $95
Duration: 4 hours

Tour by bus
Fee: $75
Duration: 4 hours
## IIW MEMBER COUNTRIES

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The 72nd IIW Annual Assembly & International Conference Secretariat

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Na Pankraci 17
140 21 Prague 4
Czech Republic

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