

7th International Conference on Academic Research in Science, Technology and Engineering

ICARSTE

13–15 March 2025

Berlin, Germany



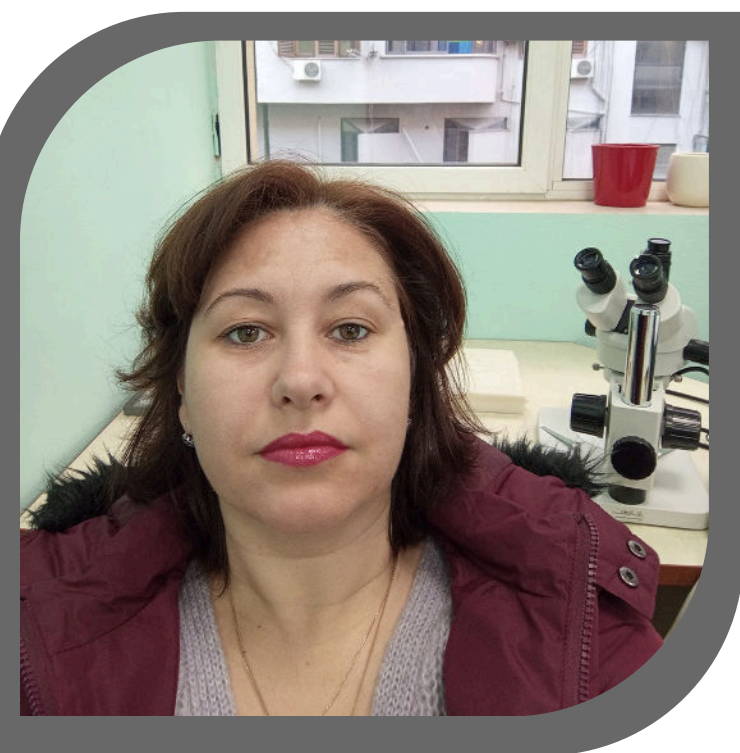
www.icarste.org



info@icarste.org

Keynote Speaker

Virtual



Dr. Odeta Vava

Faculty of Natural Sciences,
Department of Biology in Albania.

Conference Abstract Book

The abstracts of the presentations can be found in the online conference Abstract Book.

All abstracts will be available in the conference proceedings starting from the inaugural day of the Conference. Visit the following link to access the abstracts or Scan the QR code

<https://www.dpublication.com/proceeding/7th-icarste>

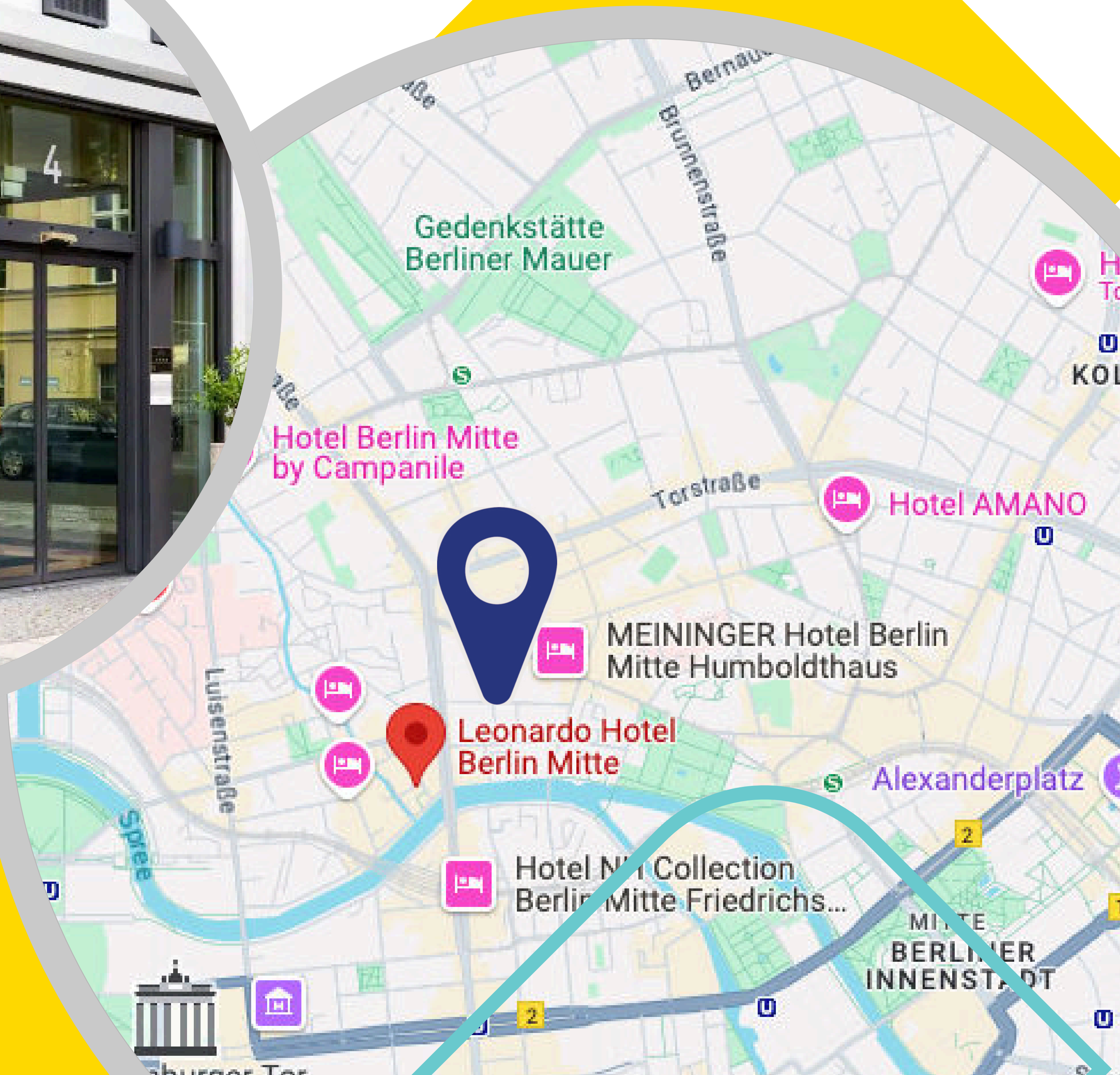


Conference Venue

LEONARDO HOTEL BERLIN MITTE

Address:

Bertolt-Brecht-Platz 4 10117 Berlin Germany.



1st Day

Oral Presentations

Thursday | 13 March 2025

08:30 – 09:00

REGISTRATION & WELCOME

We are excited to welcome you to the much-awaited Oral Session at the **ICARSTE** conference, featuring distinguished speakers from various fields who will present their knowledge and perspectives on a range of topics. Conference check-in will be available at Hall **Manege II** from **08:30** to **09:00** **Berlin, Germany** local time

09:00 – 09:15

Oguzhan Katar– Turkey

Explainable DeiT Model for Lung Cancer Classification from CT Images.

09:15 – 09:30

Zulfiye Beyza Metin– Turkey

Deep Learning-Based Hybrid Model for Detecting AI-Generated Fake Images.

09:30 – 09:45

Prof. Dr. Liana Lortkipanidze– Georgia

Automated Development of a Grammatical Dictionary for Georgian Dialects.

09:45 – 10:00

Esperance Ndayishimiye– Burundi

Digital platform for sharing data on the education system for strengthening public accountability and inclusive socio-economic development in Burundi

10:00 – 10:15

Networking & Refreshments

10:15 – 10:30

Saba Yasin– Mexico

Physiochemical Effects of Seed Thermo-priming on Maize (*Zea mays* L.) under Drought Stress.

1st Day

Oral Presentations

Thursday | 13 March 2025

10:30 – 10:45

Prof. Dr. Carly Stevens | Philip Donkersley | Saadia Shah – UK

Training the Next Generation of Agricultural Scientists.

10:45 – 11:00

Dr. Kewei Liu – Belgium

Highly-sensitive Volatile Organic Compounds Evaluation by $ZnFe_2O_4/ZnSnO_3$ Heterostructures and Their Predictive Grain Quality Monitoring.

11:00 – 11:15

Dr. Hiroko Seki – Japan

Evaluation of a Method for Measuring Tocopherol Content in Soybeans.

11:15 – 11:30

Lena Kalukuta Mahina – Belgium

Turning Waste into Wealth? The Case of Date Palm Composting.

11:30 – 11:45

Dr. Sahil Guliyev – Azerbaijan

Comparative Ecological Assessment of Common Village Pastures in Western Azerbaijan

11:45 – 12:00

Dr. Gentle Wilson Komi – Nigeria

Assessing Benthic Community in Nypa Palm Invaded Mangrove Forest in Asarama Andoni Local Government Area of Rivers State
Assessing Benthic Community in Nypa Palm Invaded Mangrove Forest in Asarama Andoni Local Government Area of Rivers State

12:00 – 12:15

Networking & Refreshments

12:15 – 12:30

Prof. Mika Goto – Japan

DEA Environmental Assessment: Models and Applications.

1st Day

Oral Presentations

Thursday | 13 March 2025

12:30 – 12:45

Paraskevi (Vivian) Angeletopoulou- Greece

Energy Poverty and Severe Material Deprivation in Greece: A Path to Inclusive Policy Solutions.

12:45 – 13:00

Dr. Nugun Jellason- UK

Leveraging Blockchain and Distributed Ledger Technologies (DLTs) for Transparent and Efficient Sustainable Energy Management.

13:00 – 13:15

Ibtissam Bouarfa- Morocco

Evaluating Rapeseed Oil as a Cost-Effective and Sustainable Heat Transfer Fluid for Parabolic Trough Collectors in Morocco's Industrial Sector.

13:15 – 13:30

Kien Doan Chi Nguyen- USA

Regional differences in the health and environmental benefits of wind and solar energy: A case study of Vietnam.

13:30 – 13:45

Mohamed Boujoudar- Morocco

Artificial Intelligence for Predictive Maintenance in Concentrated Solar Power Plants

13:45 – 14:00

Prof. Dr. Khaled Khalil-France

Modeling of fire resistance of polymer composite sandwich structure covered by aluminum sheets..

14:00 – 15:00

Lunch and Closing Time

1st Day

Poster Presentations

Thursday | 13 March 2025

08:30 – 09:00

REGISTRATION & WELCOME

We are excited to welcome you to the much-awaited Poster Session at the **ICARSTE** conference, featuring distinguished speakers from various fields who will present their knowledge and perspectives on a range of topics. Conference check-in will be available at Hall **Manege II** from **08:30** to **09:00** **Berlin, Germany** local time

Tamar Chezha- Georgia

An inquiry on Blueberry (*Vaccinium corymbosum* L.) diseases in western Georgia.

Dr. Kwaku Adu

Herbicide adoption decision for cashew farming in Ghana: A probit regression analysis.

Prof. Dr. Weiwei Zhu- China

Research on agricultural water consumption management method in typical arid regions

2nd Day

Virtual Presentations

Friday | 14 March 2025

12:15 – 12:30

Sign-In & Welcome

We are thrilled to welcome all participants to **ICARSTE**! We are delighted to offer a one-of-a-kind virtual experience, featuring a variety of sessions, engaging discussions, and valuable networking opportunities for those joining us from the comfort of their homes. Check-in will be available from **12:15** to **12:30** local time in **Berlin, Germany**.

12:30 – 13:00

Keynote Speaker. Dr. Odeta Vava-Albania

Navigating Ethical Challenges in Natural Science Research: Perspectives from Emerging and Established Scholars

13:00 – 13:15

Christel Füllenbach- Germany

Digital Revolution in Maintenance: Automated Solutions for Underground Mining

13:15 – 13:30

Pretty George- India

Bird Collision - Avoidance & Mitigation Strategies.

13:30 – 13:45

Zijie Zhen- China

Research on Test Question Recommendation Method Based on Knowledge Graph.

13:45 – 14:00

Q & A- Break Time

14:00 – 14:15

Hükümran Ertürk- Turkey

Simulation of Top Load and Thickness Optimization in HDPE Bottle Production Using Ls-Dyna.

2nd Day

Virtual Presentations

Friday | 14 March 2025

14:15 – 14:30

Xiangyu Zou- Spain

Analysis of the influence of product morphology in innovation fostering using Product Phenetics. Dining chairs as a case study.

14:30 – 14:45

Muhammet Kadioglu- Turkey

Machine Learning-Based Listing Price Estimation with Outlier Detection.

14:45 – 15:00

Azat Yalcin- Portugal

Passive Urban Design: Bridging Cultural Sustainability and Environmental Harmony.

15:00 – 15:15

Xiangyu Zou- Spain

Morphological comparison between two model groups of the same product family belonging to different price levels.

15:15 – 15:30

Raghad obaid Alzahrani- Saudi Arabia

Biosurfactant production and Oil biodegradation by marine bacteria isolated from Red Sea, Saudi Arabia.

15:30 – 15:45

Dr. Niyongabo Emi- Burundi

Petri nets presentation approach through chained linear lists.

15:45 – 16:00

Q & A- Closing Time

3rd Day

City Tour Information

Meeting Point

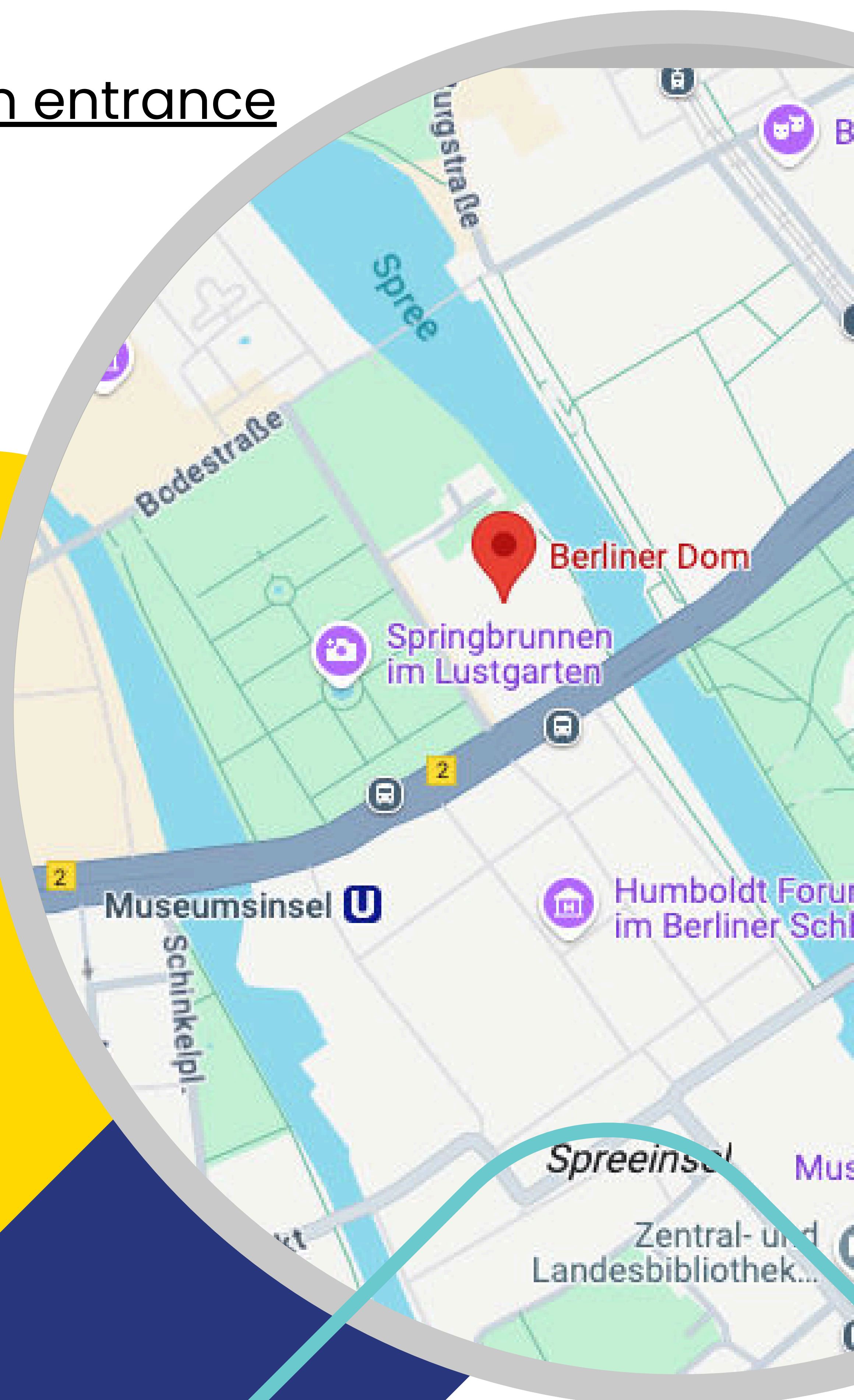
The Berlin Cathedral at the main entrance

Tour Date: 15 Mar 2025

Tour Time: 10:00 AM

Address:

The Berlin Cathedral at the main entrance



F.A.Q.

of the Conference

To give you as much information as possible, we provide you with the following frequently asked questions (FAQs) and answers.

Invoices or payment receipt. When will I receive my invoice/payment receipt?

01.

We send invoices to customers in the last week before the conference. (Invoices come with signature and stamp). If you do not receive an invoice, please contact us at the email address in your program.

When will you give us certificates?

02.

Listeners and Speakers will be awarded Certificates at the venue. The certificate of virtual attendees will be emailed after the conference.

Publication opportunities; Where and when will my paper be published?

03.

All Abstracts will be published in the Abstract Book (link in the program). Other publishing opportunities including conference Proceedings, peer-reviewed indexed journals, etc. will be announced by our colleagues a few weeks after the conference.

Virtual presentations. How can we join the Virtual sessions?

04.

We will send information to all conference participants in an email with simple and clear instructions. There is a link that will automatically connect you to the conference platform. **Please note there is no need to join the virtual session from the conference venue. You can join us anywhere & you just need a computer and internet.**

How long is a conference paper presentation for in-person or virtual delegates?

05.

In-person or virtual presenters will have 13 minutes for paper presentation, and then 2 minutes for Q&A.

Any other questions?

Or maybe you want to leave your feedback?

We look forward to your letter by the following email:

 www.icarste.org

 info@icarste.org



 www.steconf.org
 info@steconf.org