

89th IFIP WG 10.4 Meeting
Kaunas, Lithuania
May 4 - 7, 2026

Business Meeting





London, UK, 1980



Launceston, Australia, 1984

IFIP WG 10.4 · WINTER MEETING 2026

Kaunas, Lithuania · 5 May 2026

Honoring Those Who Inspire Us

Algirdas Avižienis

Hermann Kopetz

John F. Meyer

Jean-Claude Laprie

Brian Randell

William C. Carter

“Extraordinary and sustained technical contributions to dependability and fault tolerance; enduring impact on the direction and vision of WG 10.4; exceptional leadership in shaping the group's spirit of collaboration and community”

89th WG Meeting – Participants

- 23 participants
 - Asia: 0
 - Europe: 19
 - North America: 4
 - South America: 0
 - Oceania: 0
- 15 members
- 8 guests

Thanks everyone!

Agenda

- DSN 2026, DSN 2027
- Related Conferences
- JCL Award 2026
- WG Meetings
- Communications and Outreach



Bojan *Cukic*,
Marco *Vieira*

College of Computing and
Informatics (*CCI*)

University of North
Carolina (UNC) *Charlotte*

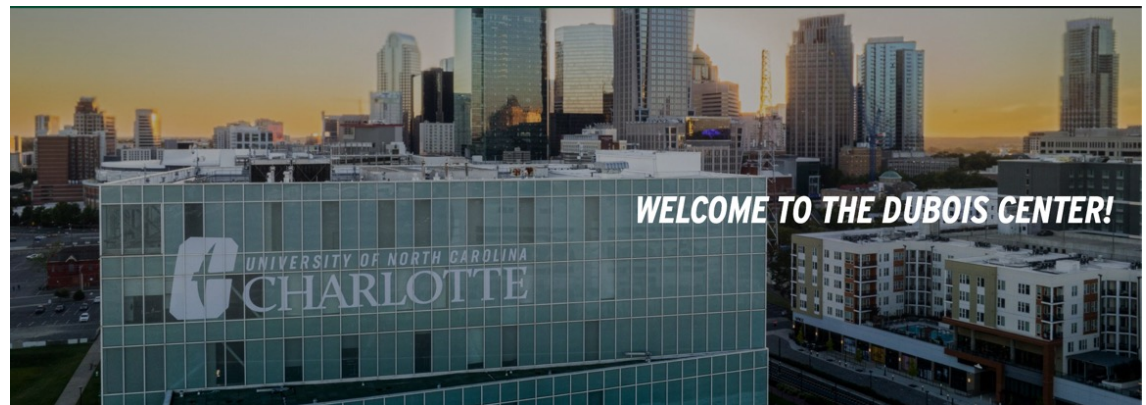


The Dubois Center – UNC Charlotte
bizjournals.com



Venues

- June 22 – 25, 2026
 - [UNC Charlotte Center City – Dubois Building](#)
 - Walking everywhere
- Reception: CLT Co-Lab
- Banquet: NASCAR Hall of Fame
- Tour: Mint/Bechtler Museums



GRAND HALL			VENTURE LOUNGE		
CAPACITY 300 people standing/200 people at seated rounds	PRICE \$250/hour	MINIMUM RENTAL 4 hour minimum rental	CAPACITY 10-15 people	PRICE \$75/hour	MINIMUM RENTAL 2 hour minimum rental

UNIVERSITY OF NORTH CAROLINA
CH
COLLEGE OF COMPUTING AND INFORMATICS
Office of the Dean

10% DISCOUNT for UNC Charlotte departments and nonprofits



Program (Tentative)

- Research Track: 17 sessions (65 papers accepted out of 331 submissions)
- Industry Track: 6 sessions (26 papers accepted out of 54 submissions)
- Disrupt: 2 sessions (8 papers)
- Doctoral Forum: 2 sessions (12 papers)
- 7 Workshops + 5 accepted
- Keynotes:
 - On the Dependability of ML for Security-Related Tasks, Michael Reiter (Duke University)
 - Robust Power Management in AI-Centric Systems, Pradip Bose (IBM T. J. Watson)
 - Bernie McShea (DARPA)

DSN 2027

Bid for Berlin
Last week of June 2027
Katinka Wolter



Reasons to visit Berlin

A few touristic highlights: Brandenburg Gate



Tiergarten park with victory column

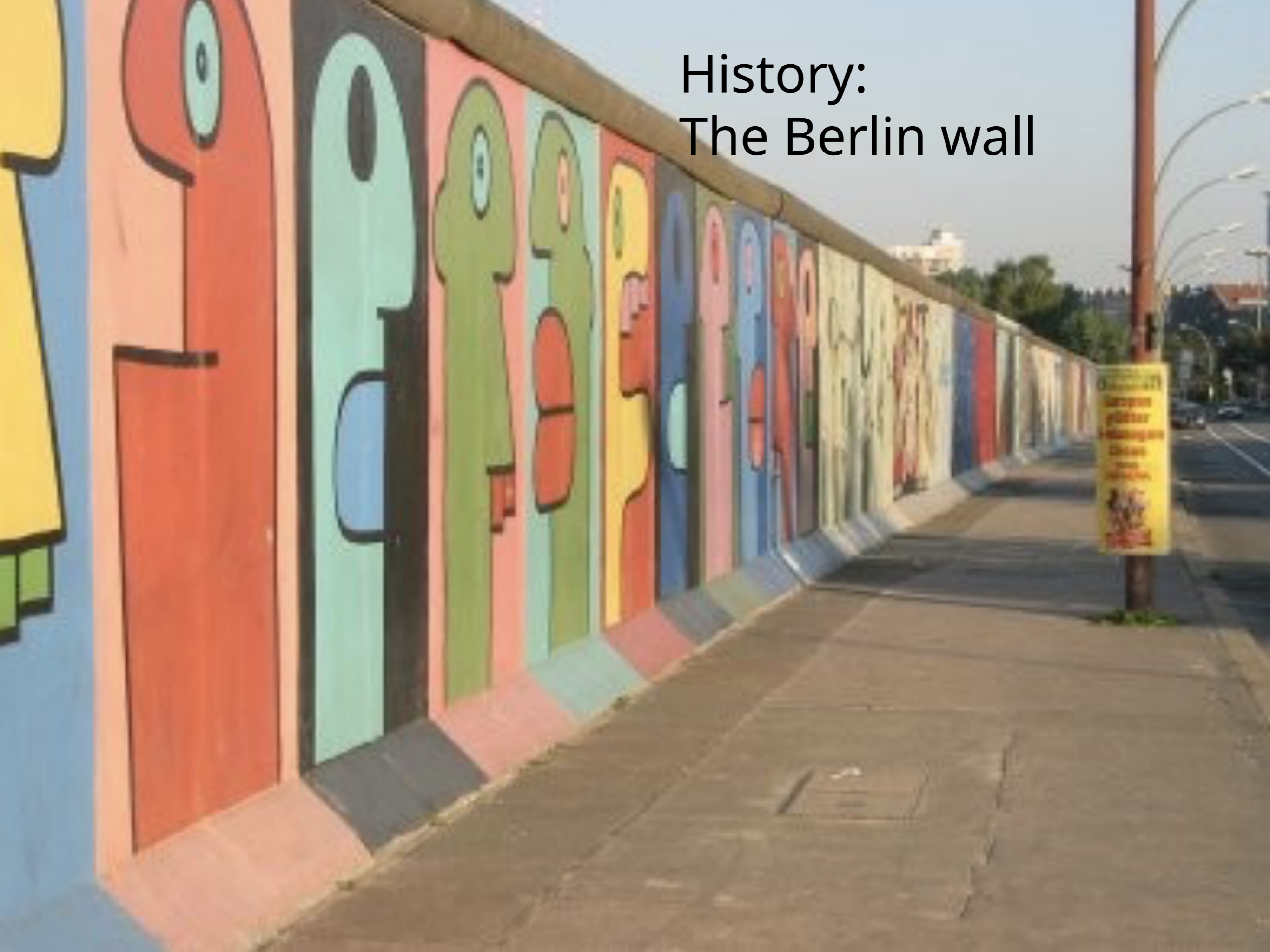


Parliament in Reichstag building



We can visit the cupola

History: The Berlin wall



Museum island



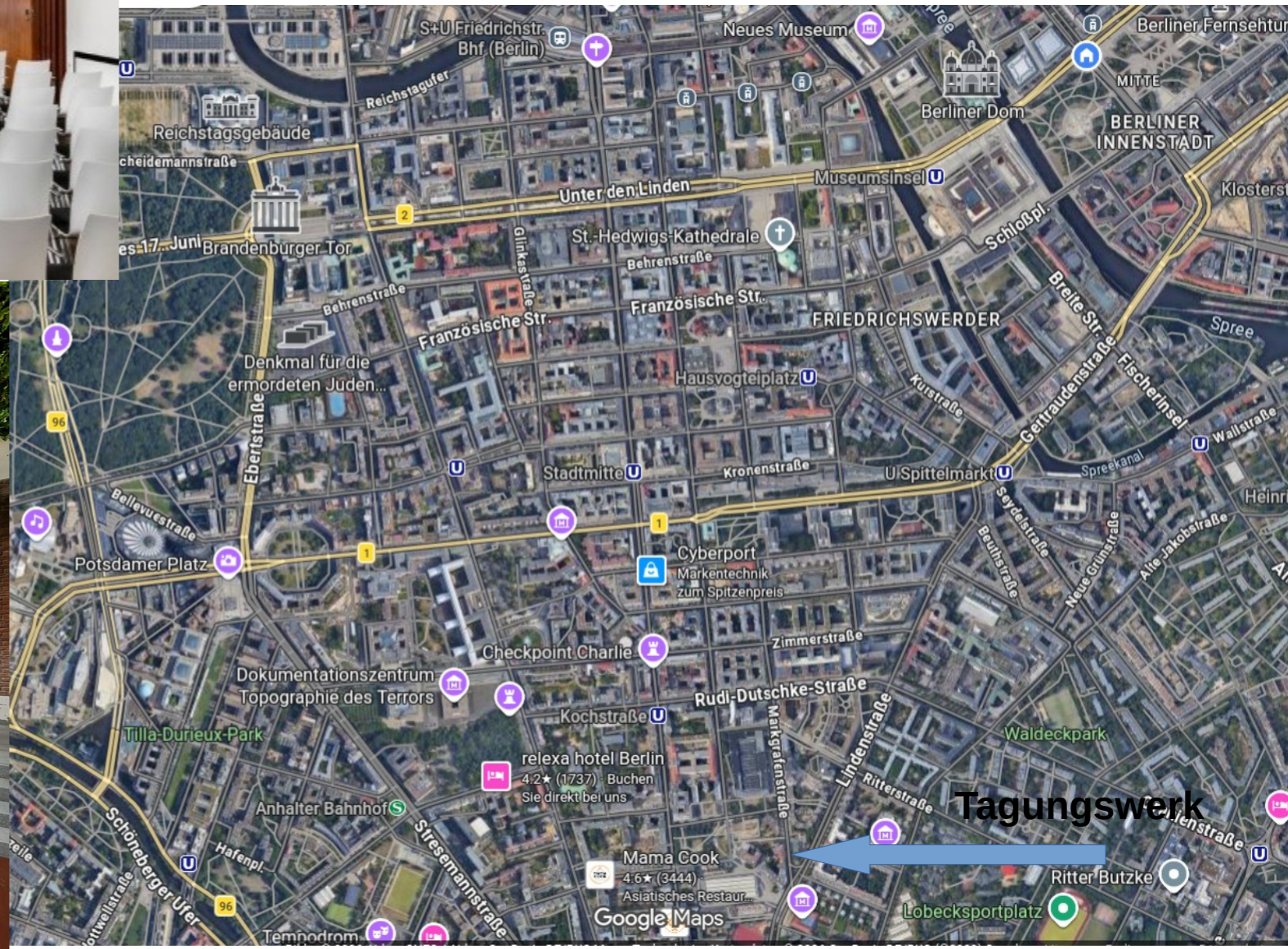
TV tower
Brandenburg gate
Red town hall
Construction
...Lots to see



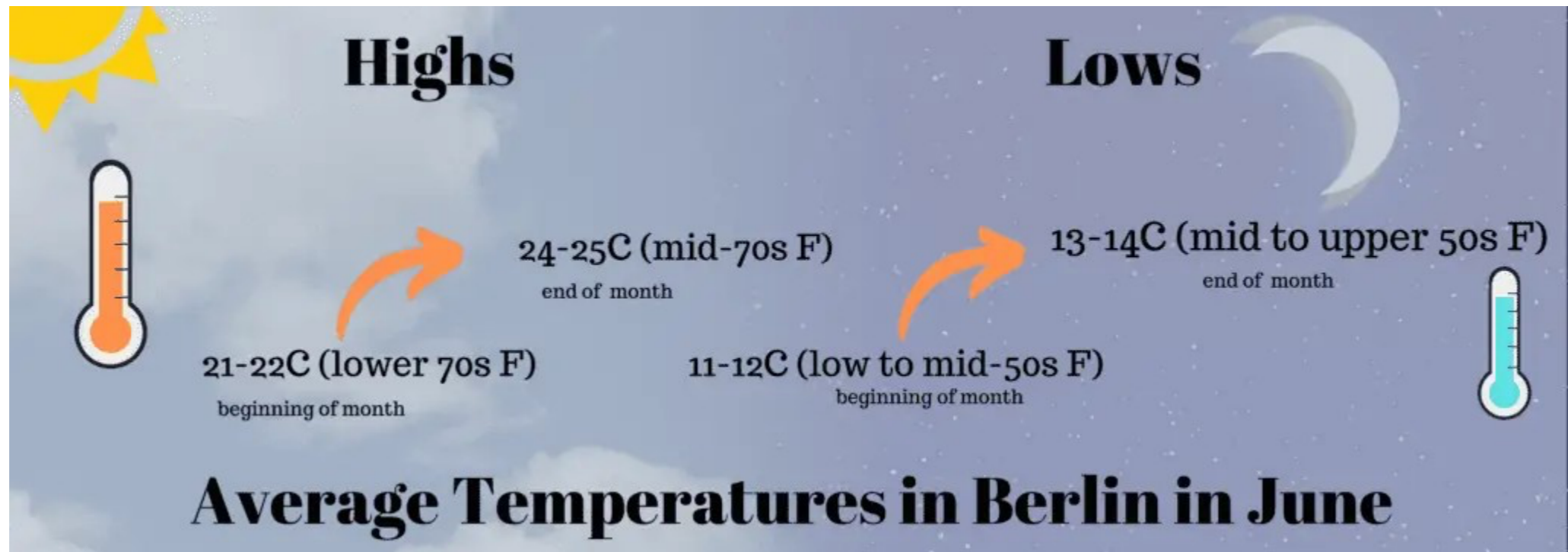
Venue

Tagungswerk Berlin

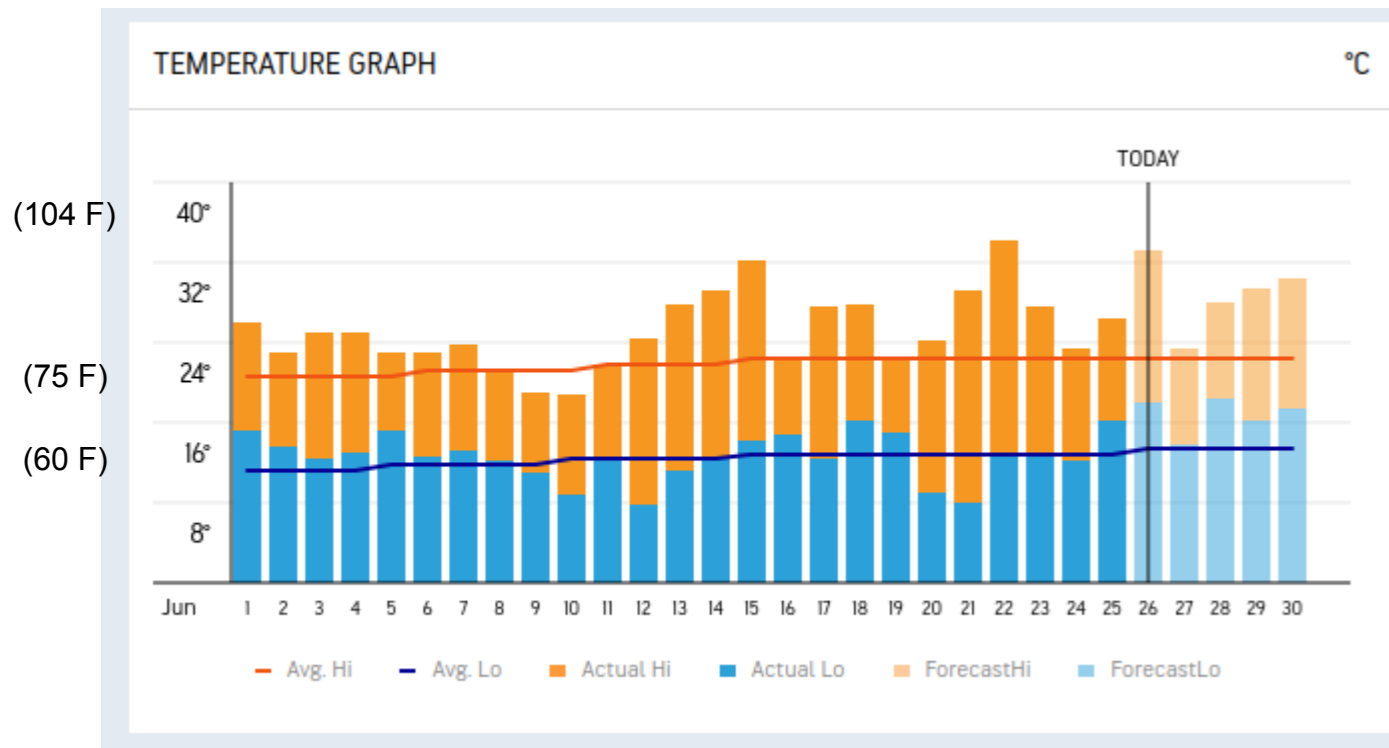
- Centrally located
- With outdoor space
- Enough rooms
- Affordable hotels nearby



Weather in June



June 2025, also normal:

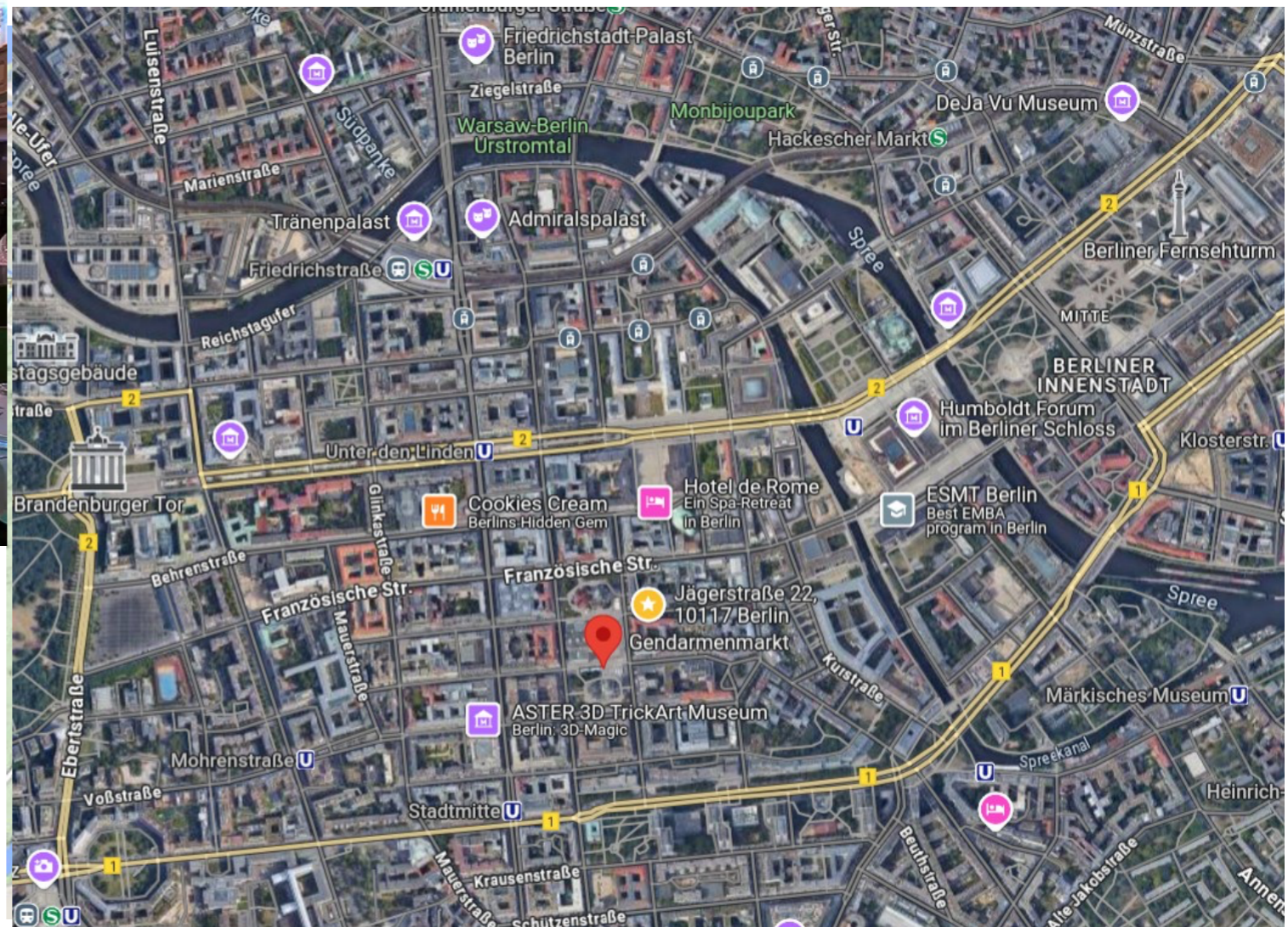


One of the many parks in June:



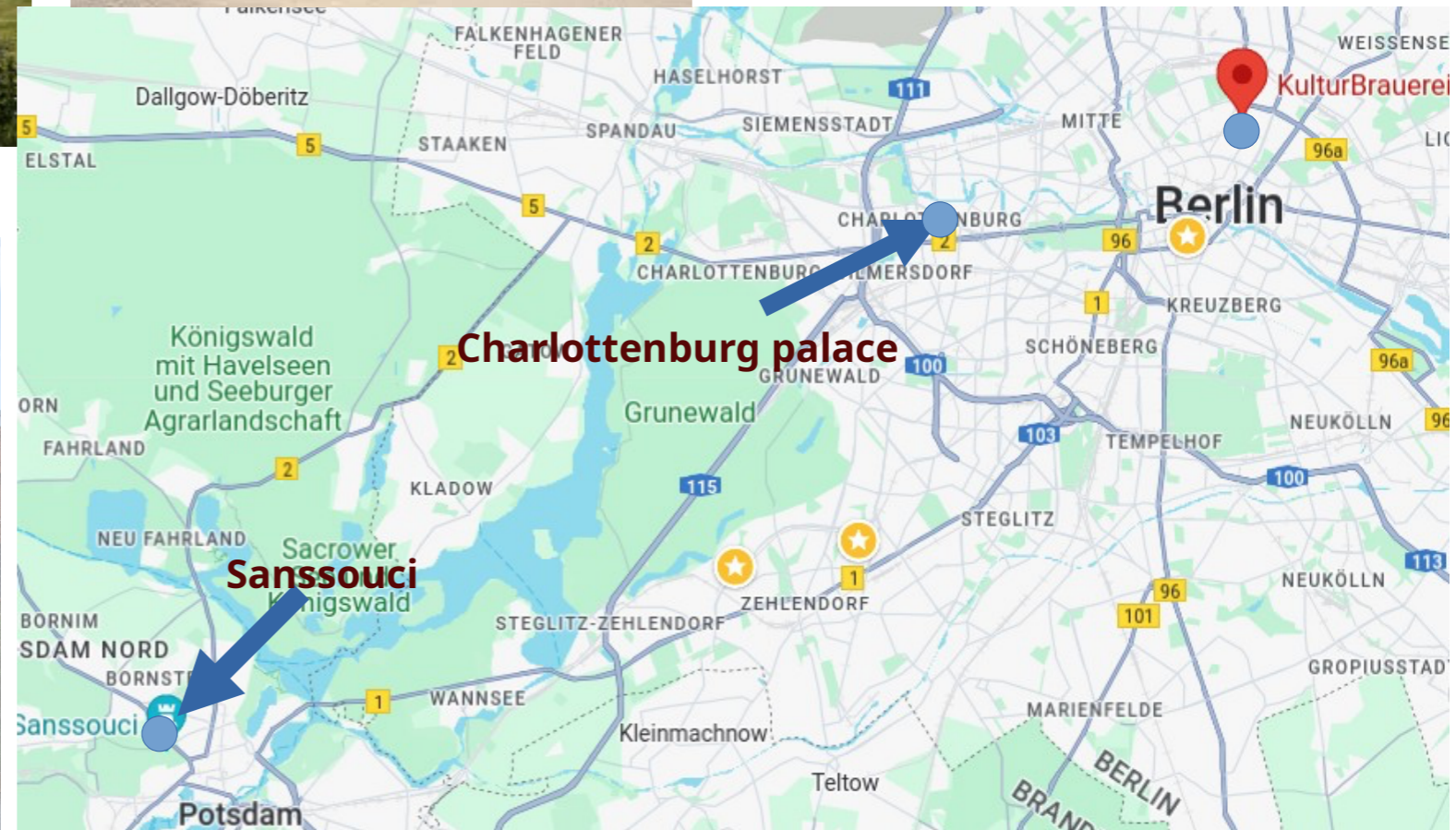
Possible venues for the social event

1. **Französische Friedrichstadtkirche** Large Hall, on Gendarmenmarkt
2. **Academy of the sciences** for reception, also On Gendarmenmarkt

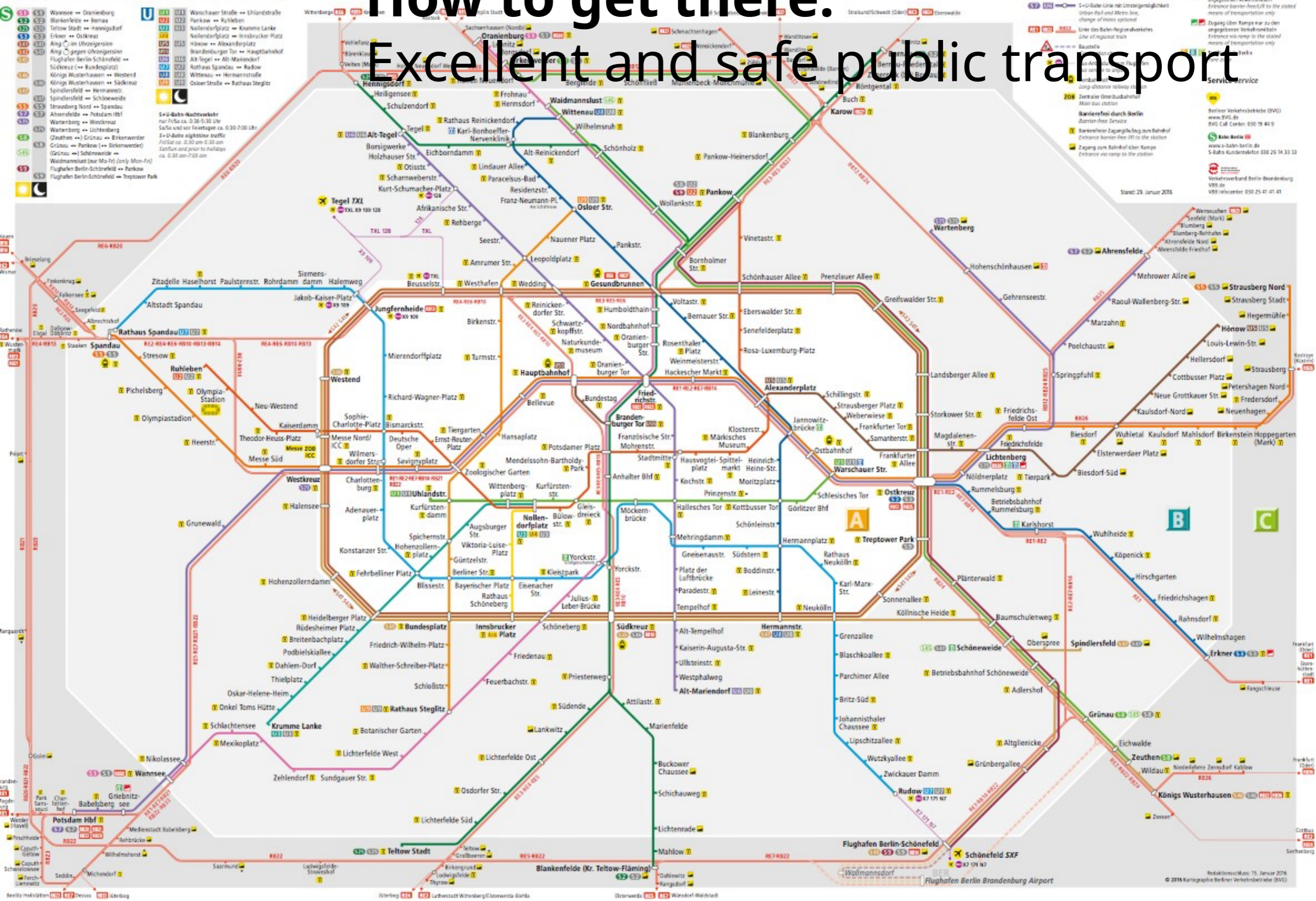


Possible Excursions

1. Charlottenburg palace
2. Brewery in Prenzlauer Berg
3. Sanssouci palace in Potsdam



How to get there: Excellent and safe public transport



- Wannsee → Oranienburg
- Blankenfelde → Bernau
- Teltow Stadt → Hennigsdorf
- Erkner → Ostkreuz
- Ring-U-Bahn
- Flughafen Berlin-Schönefeld
- Südkreuz → Bundesplatz
- Königs Wusterhausen → Westend
- Königs Wusterhausen → Südkreuz
- Spindlersfeld → Hennigsdorf
- Spindlersfeld → Schöneeweide
- Strausberg Nord → Spandau
- Ahrensfelde → Potsdam Hbf
- Warenberg → Westend
- Warenberg → Lichtenberg
- Warenberg → Südkreuz
- Zeuthen → Birkenwerder
- Grünau → Birkenwerder
- Grünau → Pankow
- Grünau → Schöneeweide
- Waldmannslust (nur Mo-Fr) (only Mon-Fri)
- Flughafen Berlin-Schönefeld → Pankow
- Flughafen Berlin-Schönefeld → Trepower Park

- Warschauer Straße → Uhländstraße
- Pankow → Ruhleben
- Vollendungsplatz → Krumme Lanke
- Vollendungsplatz → Innsbrucker Platz
- Hilow → Alexanderplatz
- Brandenburger Tor → Hauptbahnhof
- Alt-Tegel → Alt-Mariendorf
- Rathaus Spandau → Radow
- Wittenau → Hermannstraße
- Osloer Straße → Rathaus Steglitz

S+U-Bahn-Nachverkehr
nur Mo-Fr ca. 0:30-5:30 Uhr
Sa/Su und vor Feiertagen ca. 0:30-7:00 Uhr
S+U-Bahn-aktive Strecke
Mo-Fr ca. 0:30 am-5:30 am
Sa/Su und vor Feiertagen ca. 0:30 am-7:00 am

Legende Legend

- S+U-Bahn-Linie mit Umstiegsmöglichkeit
Urban Rail and Metro line, change of trains optional
- Linie des Bahn-Regionalverkehrs
Line of regional train
- Stationen mit Barrierefreier Zugang/Rückgang zu den angegebenen Verkehrsmitteln
Entrance barrier-free (UR) to the station means of transportation only
- Zugang über Rampe nur zu den angegebenen Verkehrsmitteln
Entrance via ramp to the station means of transportation only
- Service Service
- Berliner Verkehrsbetriebe (BVG)
www.bvg.de
BVG Call Center: 030 78 44 9
- Bahn Berlin
www.bahn-berlin.de
www.bahn-berlin.de
S-Bahn Kundenhotline: 030 29 34 33 33
- Verkehrsverbund Berlin-Brandenburg
VBB.de
VBB InfoCenter: 030 25 41 41 41

Stand: 29. Januar 2016

The image shows the Brandenburg Gate in Berlin, Germany, a neoclassical monument with six Doric columns. A yellow rectangular box is overlaid on the center of the image, containing the text "I hope you want to come to Berlin!". Above the box, the text "DSN 2027" is written in a large, dark red font. The background shows a clear blue sky and some greenery.

DSN 2027

**I hope you want to come to
Berlin!**

Related Conferences

- ISSRE 2026
 - Limassol, Cyprus
 - October 20-23
- EDCC 2026
 - Canterbury, UK
 - April 7-10
- SAFECOMP 2026
 - Valencia, Spain
 - September 22-25
- PRDC 2026
 - ?
- LADC 2026
 - Salvador, Brazil
 - November 24-27
- SRDS 2026
 - Rome, Italy
 - September 21-25

DSN-2026 JCL Award

- Chair:
 - Wilfried Steiner, TTTech, Austria
- Members:
 - Yair Amir, Johns Hopkins University, USA
 - Andrea Bondavalli, University of Florence, Italy
 - Xavier Défago, Institute of Science Tokyo, Japan
 - Elias Duarte, Federal University of Paraná, Curitiba, Brazil
 - Mohamed Kaaniche, LAAS-CNRS, France
- 8 papers nominated

Winner of the 2026 JCL Award

Orthogonal Defect Classification – A Concept for In-Process Measurements

Ram Chillarege, Inderpal S. Bhandari, Jarir K. Chaar, Michael J. Halliday, Diane S. Moebus, Bonnie K. Ray, and Man-Yuen Wong.

1992. IEEE Transactions on Software Engineering, 18(11), 943-956.

<https://doi.org/10.1109/32.177364>

... the first paper to demonstrate how defects can be used as in-process measurements to make software development measurable and controllable (...) The paper bridged the gap by introducing a classification scheme and a corresponding framework for defect types and defect triggers, making it easy for software engineers to correctly identify the most likely class (...) Since its publication, Orthogonal Defect Classification (ODC) has had a tremendous impact on industry, driving improvements in efficiency and reliability. Indeed, it has demonstrated significant, sometimes dramatic improvements in productivity and efficiency, and many companies have highlighted the impact of ODC on their developments (...) ODC has also had a significant scientific impact, with about 1,200 citations according to Google Scholar...

WG Meetings: Locations & Organizers

- Summer 2026 – Charlotte, NC, US (together with DSN 2026)
 - Bojan Cukic, Marco Vieira
- Winter 2027 – Shizuoka, Japan
 - Xavier Défago, Naohiro Hayashibara, Fumio Machida
- Summer 2027 – Berlin, Germany (together with DSN 2027)
 - Katinka Wolter
- Winter 2028 – Corsica, France (tentative)
 - Sonia Ben Mokhtar

IFIP WG 10.4 Summer 2026 Charlotte, NC, USA

Bojan Cukic, Marco Vieira

IFIP WG 10.4 Summer 2026

- **Dates:** June 25 (Welcome Reception) to June 28 (lunch time)
- **Workshop Organizers:** Homa Alemzadeh, Stephanie Schuckers



Trustworthy Identity and Biometric Systems

- Biometric and identity systems are now central to authentication
 - Used in border control, law enforcement, mobile devices, online services
- Major progress over the last decade
 - Scalable, high-performance systems
- Shift to AI/ML-driven pipelines
 - Detection, feature extraction, matching
- Challenge:
 - Systems now operate in adversarial environments
 - Growing concerns around Robustness, fairness, privacy, security
 - Hard to fully understand system behavior in real-world conditions

Vision & Key Questions

- Build trustworthy biometric and identity systems
- What progress has been made over the last decade?
- What are the most critical challenges today?
- What mistakes should we avoid?
- How can we improve technology transfer?
- What collaborations are needed for real-world, trustworthy systems?

Speakers

- Patrick Grother, NIST
- Xiaoming Liu, UNC
- Carsen Maple, Turing Institute
- Stephan Hutchinson, Consultant
- Victor Vargas Arce, Microsoft, UNC Charlotte
- Arun Ross, MSU (*to be confirmed*)

More info to be sent during this week

IFIP WG 10.4 Winter 2027 Shizuoka, Japan

Xavier Défago, Naohiro Hayashibara, Fumio Machida

Winter Meeting 2027

▶ Location

- **Atami**, Shizuoka, Japan
地球 日本 静岡県 熱海

▶ Dates (tentative)

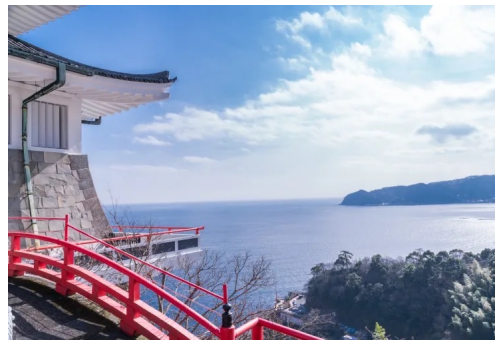
- **January 10-13, 2027**
- (or January 5-8, 2027)
- (or January 19-22, 2027)

▶ Organizers

- Xavier Défago (*Science Tokyo*)
- Naohiro Hayashibara (*Kyoto Sangyo U.*)
- Fumio Machida (*Tsukuba U.*)

▶ Workshop (tentative)

- dependable robotics
- dependable CPS



source: Japan National Tourism Organization (JNTO)



source: National Diet Library (Japan)

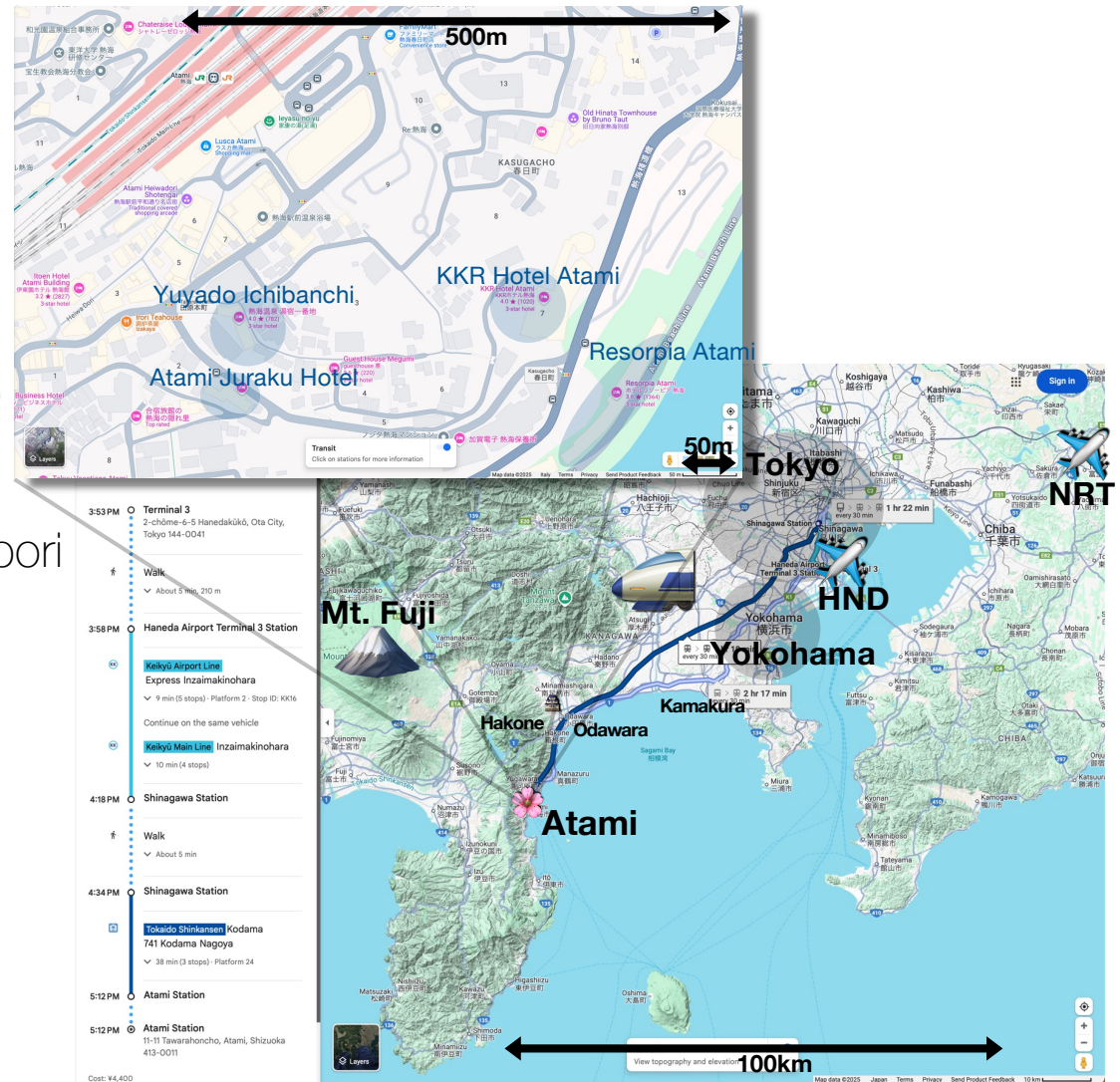
Access

▶ By Plane

- via Tokyo **Haneda** Airport; ~€26
 - 1h20 (Keikyu L.ine + Shinkansen via Shinagawa)
- via Tokyo **Narita** Airport; ~€40
 - 2h00 (Keisei Skyliner + Keihin-Tohoku Line via Nippori + Shinkansen via Tokyo)

▶ By Train

- Shinkansen (~€20)
 - Tokyo (36'), Shinagawa (30'),
 - Shin-Yokohama (28')
- JR Tokaido Line (~€8)
 - Yokohama (1h20')



Location

► Attractions

- Atami Plum Garden;
Plum Festival;
- Early/mid plum blossoms (🌸)
- Thermal spa (onsen 🌋)
- Kinomiya Shrine; Izusan Shrine
- MOA Museum of Art; Atami Castle



► Weather (mid-January)

- Avg. Temp.: low 3°C ; high 11°C
- Precipitation: 4 days (13%)

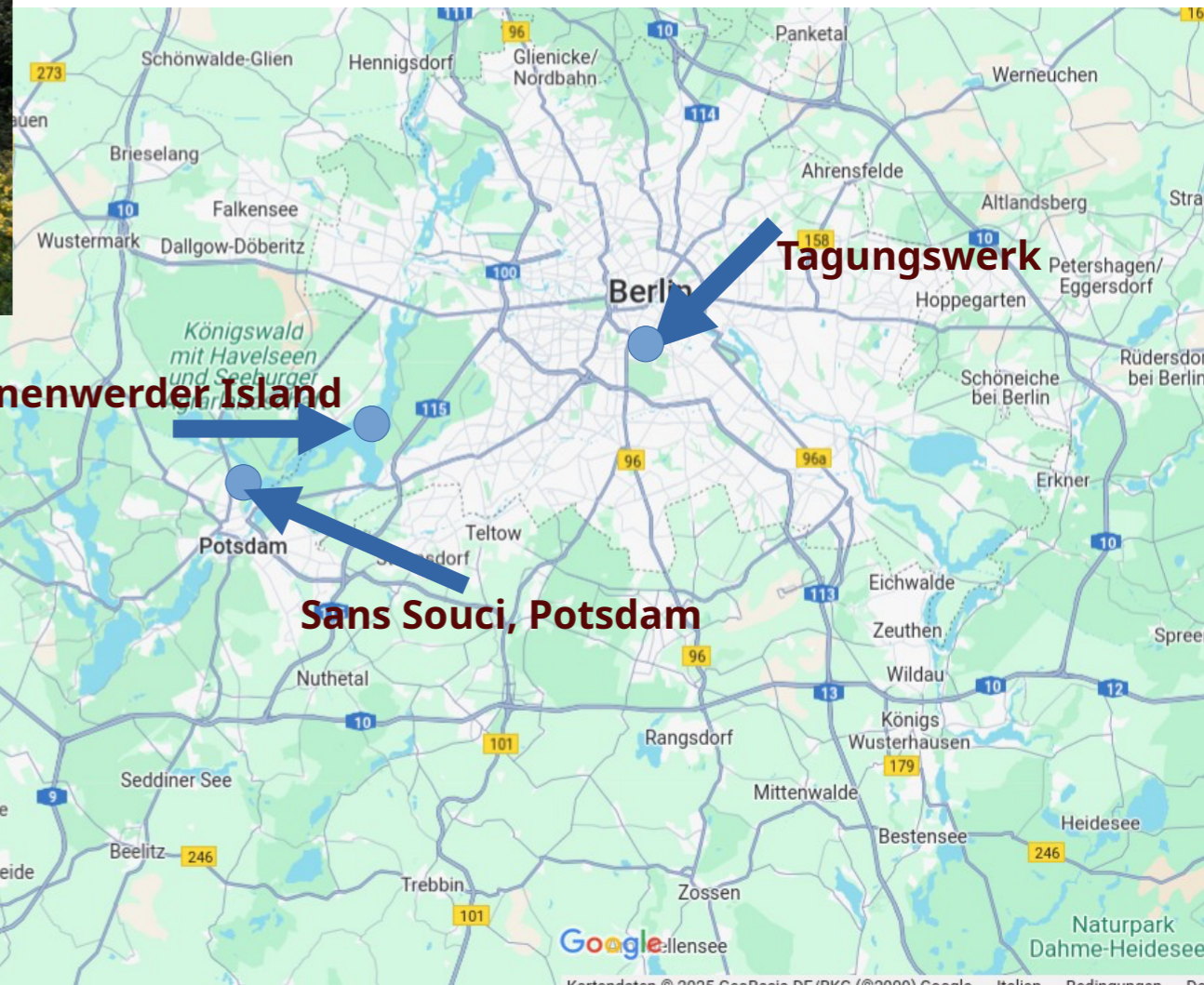


IFIP WG 10.4 Summer 2027 Berlin, Germany

Katinka Wolter

Location for the IFIP meeting

- On Schwanenwerder Island
- Scenic location close to public transport



Excursions during for IFIP meeting

Explore:

1. Kloster Lehnin

2. Sans Souci Potsdam



Communication and Outreach Committee


IFIP WG 10.4 – May 2026



Members: Homa Alemzadeh, Antonio Casimiro, Andrea
Ceccarelli, Marcus Völp, Jiangshan Yu


Activities in the last year focused on trying to promote the linkedin group




Starting last meeting, a workshop summary (also on IFIP WG web site)

We try to repeat this with the help of rapporteurs

Workshop Summary	
88th IFIP WG 10.4 Meeting - Workshop Summary Andrea Ceccarelli, University of Florence, IT Marcus Voelp, University of Luxembourg, LU Wilfried Steiner, TTech, AT	

5:32   

← 

 **Andrea Ceccarelli**  · Tu
Associate Professor at University of Florence
★ Amministratore · Amministratore · 7m · Modificato · 


SHORT SUMMARY of our 88th IFIP WG 10.4 meeting - Cybersecurity of Transportation Systems, 26-29 June, Ischia, Italy

The IFIP WG10.4 regularly meets twice per year, to promote technical discussions, review and plan the activities of the group, and strengthen networking. The 88th meeting was held in the splendid location of Ischia island, in the days following Dependable Systems and Networks (DSN) 2025, the flagship conference of the IFIP WG10.4 community. As usual, the meeting has seen the participation of group members and invited guests.

What follows is a short report of the technical workshop. The selected subject was cybersecurity of transportation systems, with invited talks from NXP, TTech Auto, Resiltech, Airbus, Collins Aerospace, NCC, University of Luxembourg, Hasso-Plattner-Institut für Digital Engineering, a panel, and lots of interesting discussions.

The slides of the meeting are available at:
<https://lnkd.in/ehs8WgHc>

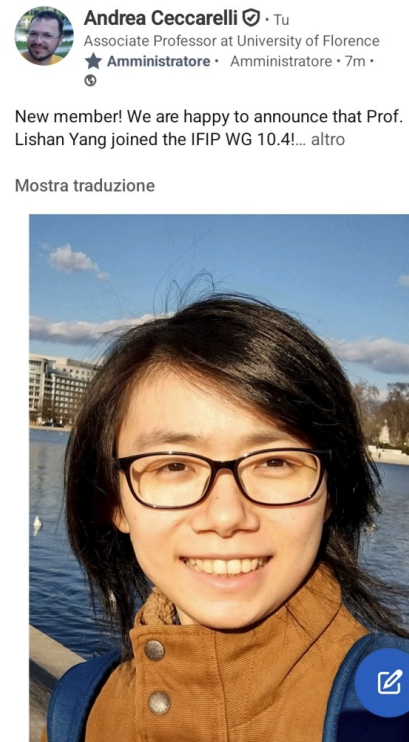
Many thanks to our session rapporteurs who made this summary available.



Activities in the last year focused on trying to promote the linkedin group

“Presentation” from new members
(thank you for providing the information)



“Usual stuff” posts



Andrea Ceccarelli · Tu

Associate Professor at University of Florence

★ **Amministratore** · Amministratore · 2s · Modificato ·

Looking forward to the 89th Meeting of IFIP Working Group 10.4, which will take place on May 4–7, 2026 in Kaunas. Slides of the presentations and a summary of the discussion will be made available soon after the meeting.

This meeting aims to connect the legacy of dependable computing with the challenges that will define its future. Among the many contributions emerging from this community, design diversity, N-version programming, and recovery blocks exemplify how ideas from WG10.4 moved beyond theory to shape research agendas and the design of real-world systems for decades.

The objective is to reflect on the ideas that have shaped dependable computing and to identify new directions that will define the field for the next decade. By bringing together researchers who helped build the foundations of the field with those confronting emerging challenges, the meeting seeks to stimulate discussion about how IFIP WG10.4 should continue to lead research and influence practice in dependable computing.



Andrea Ceccarelli · Tu

Associate Professor at University of Florence

★ **Amministratore** · Amministratore · 2m ·



Antonio Pecchia · 1°

Associate Professor of Data Science at the ...

2m ·

🚩 **Call for papers! The DSN 2026 INDUSTRY TRACK is now accepting submissions (abstract deadline: March 2, 2026; paper submission: ... altro**

Mostra traduzione

DSN 2026

The 56th Annual IEEE/IFIP International Conference on Dependable Systems and Networks

Charlotte, USA, June 22-25, 2026



How can I help on this matter?

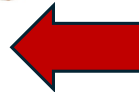
1. Promote the linkedin web page amongst your contacts

113 members

Including Luca Simoncini and 58 other connections



Invite connections



click here 😊

2. When you have any item (initiatives, awards, events, talks, ...) you may want to promote, you can either

- publish it directly on WG linkedin
- (ask to) repost on WG linkedin
- upload the text on the google form
- send me the text

WG Highlights. With these posts, we aim to periodically disseminate activities of the IFIP WG10.4 members. Contributions are provided directly by members on a voluntary basis.

Congratulations to Jay Lala for his participation to the "Technology Talks Austria 2025", following invitation by Honorable Minister Peter Henke, Federal Minister for Innovation, Mobility and Infrastructure, Republic of Austria. This two day event serves as Austria's premier international platform for shaping the debate around research, engineering, technology, and innovation in pursuit of a stronger, more competitive European economy. Jay had the pleasure of serving on the Panel on Productivity and Digitization along with an august group of international experts.

Mostra traduzione



Obrigado

