

QUANTUM PHYSICS

ARTIFICIAL INTELLIGENCE

Quantum100 ⊗ AI Workshop

University of Münster, 12–14 November 2025

Organizers: Koji Hashimoto, Tomas Jezo, Kai Schmitz

Administrative support and registration desk: Katharina Iker, Petra Voß



Welcome to Münster



We are looking forward to an exciting workshop and great celebration of quantum mechanics!

Access to the building



- Door cannot be opened from the outside (need to have a transponder)
- Secretaries will always be on site → make yourself noticed
- Send text to workshop WhatsApp group (see next slide)

Quantum 100-AI Workshop

WhatsApp-Gruppe



Invite link: <https://chat.whatsapp.com/LVFqZQWTKSy2oQQMqY0lh6?mode=wwt>

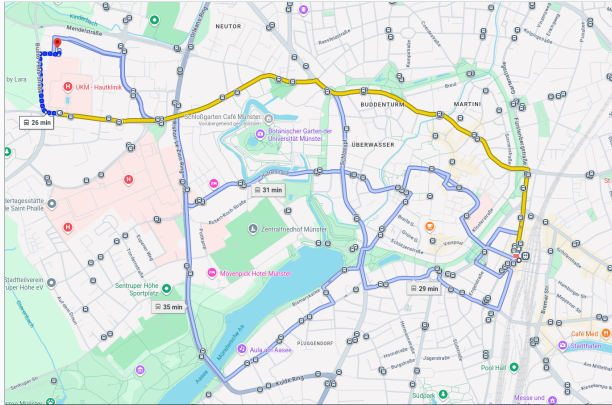
- Join this group to coordinate dinner / bus times / etc. with other participants
- Text us if you can't get into the building

Available networks

- eduroam
- GuestOnCampus (free, no password, accept terms and conditions)

In the case of questions, talk to us (Tomas Jezo)

Bus schedule



Buses on Thursday / Friday morning + 10' walking

- Bus #5 bound for *Nienberge*: Hauptbahnhof (8:24) → Hautklinik (8:40)
- Bus #13 bound for *Technologieplatz*: Hauptbahnhof (8:22) → Mendelstraße (8:42)
- Bus #22 bound for *Münster Heekweg*: Hauptbahnhof (8:30) → Hautklinik (8:50)

Shuttle service between the workshop venue and the city center

2 buses, 8 passengers each

- **Wednesday, 5:15pm** → city center (2x), sign up today
- **Thursday, 8:15am** → workshop venue (2x), sign up today
- **Thursday, 5:45am** → city center (2x), sign up tomorrow
- **Friday, 8:15am** → workshop venue (2x), sign up tomorrow
- **Friday, 12:00pm** → city center (2x), sign up on Friday

Please sign up at the registration desk

- Put your name and hotel in the respective list
- Pick-up and drop-off points in the city center will be optimized later

If you need a certificate of attendance

Please come see us **anytime** at the registration desk

If you applied for travel support

Please come see us at the registration desk **on Friday**

Events on Friday: DPG ☒ JPS Declaration for the Future

If you signed up for the events on Friday → email by the university rector Prof. Wessels

Declaration for the Future

"We pledge, as physicists, to contribute to humanity's survival and advancement by advocating for the peaceful application of physics."

Signing of the "Declaration for the Future" between the Physical Society of Japan and the German Physical Society



Panel Debate: "The Role and Responsibility of Scientists in Times of Disruptive Global Challenges"

Programme for 14 November 2025

4.00 pm

Minster City Hall, entrance through the Stadtwinehaus (Prinzipalmarkt 8-9, 48143 Münster)

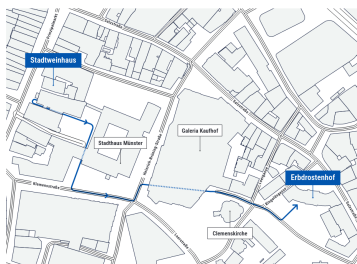
- Welcome address – Tilman Fuchs, Mayor of the City of Münster
- Welcome address – Prof. Seiji Miyashita, President of the Physical Society of Japan
- Signing of the Joint Declaration for the Future** by Prof. Seiji Miyashita, President of the Physical Society of Japan and Prof. Klaus Richter, President of the German Physical Society

5.00 pm

Erdbrustenhof Salzstraße 38, 48143 Münster

- Welcome address – Prof. Johannes Wessels, Rector of the University of Münster
- Welcome address – Prof. Klaus Richter, President of the German Physical Society
- Panel debate: **Role and responsibility of scientists in times of disruptive global challenges**
- With keynotes from:
 - Prof. Michio Konuma / Prof. Emeritus, Kyoto University, Tokyo / Former President, Physical Society of Japan
"Role of us scientists who receive the Declaration for the Future"
 - Prof. Cornelia Denz / President of the National Metrology Institute
 - Prof. Michael Quante / Vice-Rector of the University of Münster
- Further Panelists: Prof. Koji Hashimoto, Kyoto University, Department of Physics
Prof. Marie Götsche, Peace Research Institute Frankfurt and TU Darmstadt
- Moderation: Prof. Götz Reinhard
- Short break after the keynotes / refreshments at 7.30 pm

Walking directions (approx. 7 minutes)




Prinzipalmarkt 8-9
48143 Münster

Salzstraße 38
48143 Münster


Dress code: Business Casual ~ Business Formal

(Apologies for our email!)

Events on Saturday: Closing Event for the Quantum Year 2025






Closing event for the Quantum Year 2025

 Book Concert-Tickets now!

The english Quantum100 booklet as PDF

On Saturday, November 15, 2025, the DPG closing event of the Quantum Year will take place at the Halle Münsterland.

- 11.00–16.00 o'clock Workshops for school classes
- 13.00–19.00 o'clock Exhibition
- 13.00–18.30 o'clock Lectures
- 19.30–22.00 o'clock Closing Concert : An Art Experience of the Quantum World

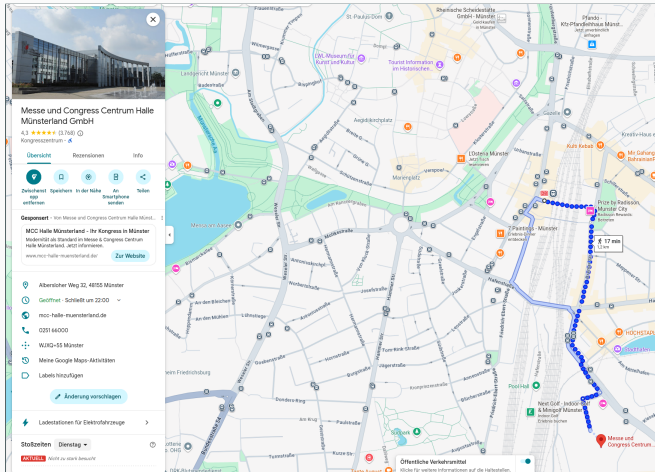
If you signed up for the concert

Please come see us (Kai Schmitz, Koji Hashimoto) and collect your ticket

If you did not sign up but would still like to attend the concert

Visit <https://www.quantum100.de/en/> and click on “Book Concert Tickets Now!”

Events on Saturday: Halle Münsterland



Venue: Messe und Congress Centrum Halle Münsterland

See <https://www.quantum100.de/en/arrival/> for more details

Today's program

<https://indico.uni-muenster.de/event/3251/>

Wed 12/11		
13:00		
14:00	SoN	13:45 - 14:15
	Welcome with Coffee and Cake	
	SoN	14:15 - 14:30
	Remarks: Welcome	
15:00	SoN	14:30 - 15:00
	Understanding diffusion models by Feynman's path integral	
	Yuji Hirono	
	SoN	15:00 - 15:30
16:00	SoN	15:30 - 16:00
	Building an AI generator for quantum gravity	
	Gary Shiu	
	SoN	16:00 - 17:00
17:00	Poster Session with Buffet Dinner	
	SoN	16:00 - 17:00

Speakers: Please send us your slides, if you like, so that we can upload them on Indico