

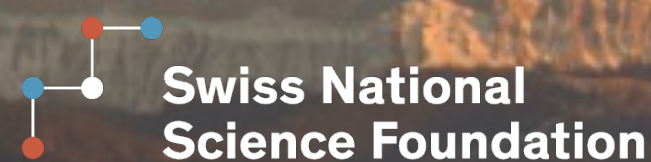
# SIGN 25

10<sup>th</sup> International Workshop on the  
sign problem in QCD and beyond

20-24 January 2025

AEC Bern, Switzerland

Further information:  
<http://sign25.itp.unibe.ch/>



## Local Organizing Committee

Philippe de Forcrand  
Gurtej Kanwar  
Mikko Laine  
Tobias Rindlisbacher  
Urs Wenger  
Uwe-Jens Wiese

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## Invited Speakers

Andrei Alexandru (George Washington)  
Fakher Assaad (Würzburg)  
Shailesh Chandrasekharan (Duke)  
Jens Eisert (FU Berlin)  
Lena Funcke (Bonn)  
Emilie Huffman (Perimeter)  
Nikolay Prokofiev (UMass Amherst)  
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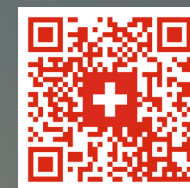
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# Welcome!

This is the view from the Einstein terrace...



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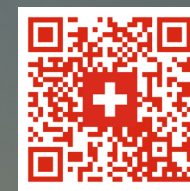
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# Welcome!

First SIGN workshop in 2003 in Lyon (CECAM) organised by:

- D. Ceperley, M. Troyer, U.-J. Wiese and S. Chandrasekharan



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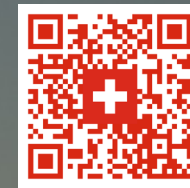
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## The Sign Problem in Quantum Simulations



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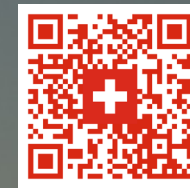


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## Previous workshops:

- ECT\* Trento, Italy (2009)
- Regensburg, Germany (2012)
- GSI Darmstadt, Germany (2014)
- Debrecen, Hungary (2015)
- Seattle, USA (2017)
- Bielefeld, Germany (2018)
- Odense, Denmark (2019)
- Tel Aviv, Israel (2022)

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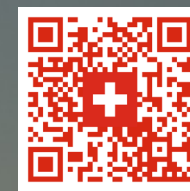
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- Logo has the official Swiss flag colour
- +/- sign, 8-vertex model,...?
- how many plus signs do you see on the poster?



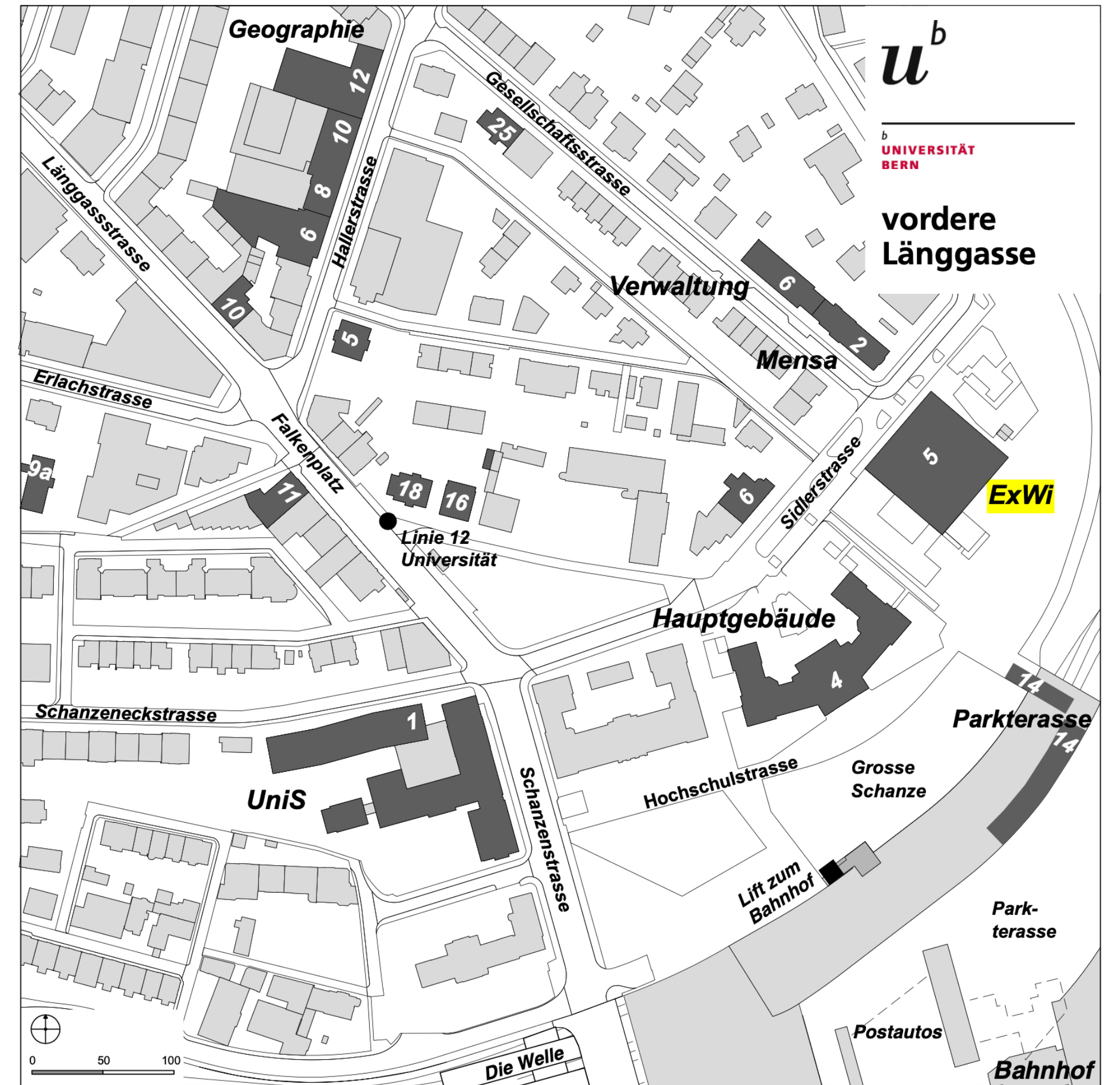


# Coffee cup recycling





**Lunch:  
tables are reserved  
in the Mensa**



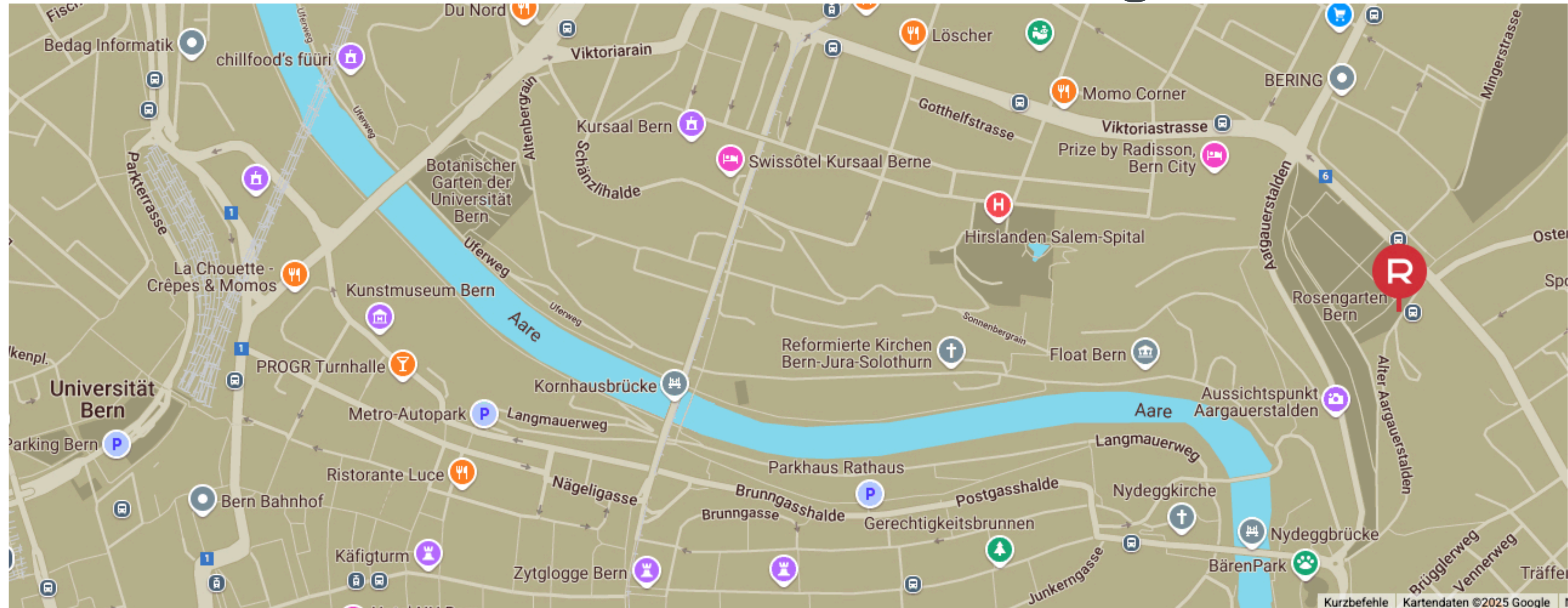
**please arrive between 12:30-12:45**



# Social Dinner:

**Scheduled to start at 18:30**

**Restauran Rosengarten  
Alter Aargauerstalden 31b  
[www.rosengarten.be](http://www.rosengarten.be)**



**Bus Nr.10 direction Ostermundigen, stop at Rosengarten**

**Bus Nr.12 direction Paul Klee Museum, stop at Bärengraben**