

## **Session Program**

**20-24 Jan 2025**



## **Workshop on the sign problem in QCD and beyond**

***Thursday afternoon***

University of Bern, Lecture Hall 099 (ExWi Building)  
University of Bern Exakte Wissenschaften (ExWi) Sidlerstrasse 5 3012 Bern Switzerland

# Thursday 23 January

14:00

## Thursday afternoon

**Session** |**Location:** University of Bern, Lecture Hall 099 (ExWi Building), University of Bern Exakte Wissenschaften (ExWi)  
Sidlerstrasse 5 3012 Bern Switzerland

14:00–14:45

### Constant path integral contour shifts

**Speaker**

Johann Ostmeyer

14:45–15:30

### Contour optimisation for the sign problem with an efficient evaluation of the Jacobian

**Speaker**

Prof. Michael Kroyter

15:45

16:15

## Thursday afternoon

**Session** |**Location:** University of Bern, Lecture Hall 099 (ExWi Building), University of Bern Exakte Wissenschaften (ExWi)  
Sidlerstrasse 5 3012 Bern Switzerland

16:15–17:00

### Quantum Computing for Lattice Field Theory

**Speaker**

Lena Funcke

17:00–17:45

### Variational Quantum Eigensolver for (2+1)-Dimensional QED at Finite Density

**Speaker**

Emil Otis Rosanowski

18:00