

**Session Program**

**6-8 Jun 2023**

**The IIIrd Nordic Lattice Meeting 2023**

**Plenary session**

UIS

# Tuesday 6 June

13:15

## Plenary session: Plenary I

**Session** | **Location:** UiS

13:15–13:45

### Phase transitions, gravitational waves and the 2-Higgs doublet model

**Speaker**

Kari Rummukainen

13:45–14:15

### Bubble nucleation and quantum initial conditions in classical statistical simulations

**Speaker**

Gerhard Ungersback

14:15–14:45

### Real scalar phase transitions: bubble nucleation, nonperturbatively

**Speaker**

Anna Kormu

14:45–15:15

### Lattice approaches to microphysical bubble dynamics

**Speaker**

Oliver Gould

15:15

16:00

## Plenary session: Plenary II

**Session** | **Location:** UiS

16:00–16:30

### Electroweak sphaleron in a magnetic field

**Speaker**

Jaakko Annala

17:00

# Wednesday 7 June

09:00

## Plenary session: Plenary III

Session | Location: UiS

09:00–10:00 **Complex Langevin and QCD Thermodynamics**

**Speaker**

Benjamin Jaeger

10:00

10:45

## Plenary session: Plenary IV

Session | Location: UiS

10:45–11:15 **Lefschetz Thimbles and real-time dynamics**

**Speaker**

Anders Tranberg

11:15–11:45 **Mitigating the sign problem with line integrals**

**Speaker**

Rasmus Larsen

11:45–12:15 **Machine Learning assisted real-time Complex Langevin**

**Speaker**

Alexander Rothkopf

12:15

13:45

## Plenary session: Plenary V

Session | Location: UiS

13:45–14:15 **Recent finite-volume developments in QED $_{\text{L}}$**

**Speaker**

Nils Hermansson-Truedsson

14:15–14:45 **Spectrum of QCD with one flavour**

**Speaker**

J Tobias Tsang

14:45–15:15 **Complex heavy quark potential**

**Speaker**

Gaurang Parkar

15:15

## Thursday 8 June

09:00

### Plenary session: Plenary VI

Session | Location: UiS

09:00–10:00

#### Entanglement Entropy and Lattice Gauge Theory

##### Speaker

Tobias Rindlisbacher

10:00

10:30

### Plenary session: Discussion - Lattice Activities in the Nordics

Session | Location: UiS

11:25