

## **Session Program**

**24-25 Mar 2025**

# **Quantum Computing for Lattice Field Theory and High-Energy Physics**

## ***Invited Speakers and Contributions***

National Oceanography Centre, University of Southampton  
Southampton, UK

# Monday 24 March

14:00

## Invited Speakers and Contributions

**Session** | **Location:** National Oceanography Centre, University of Southampton, Southampton, UK

14:00-14:35

### Towards scalable quantum simulation on heterogeneous computing clusters

**Speaker**

Ali Rezaei

14:35-14:55

### Qubit Approach of Quantum Electrodynamics

**Speaker**

Zong-Gang Mou

14:55-15:15

### Dynamics of non-Abelian lattice gauge theories: a Loop-String-Hadron (LSH) approach

**Speaker**

Emil Mathew

15:15-15:25

### UNESCO's International Year of Quantum Science and Technology

**Speaker**

Graham Van Goffrier

15:35