

**Session Program**

**25 July 2025 to 1 August 2025**

**Multi-Particle Reactions - Workshop**  
**Lattice**

# Tuesday 29 July

09:00

## Lattice: I

Session | Location: 251

09:00–09:25

### Exotic Tbc tetraquarks from Lattice QCD

#### Speaker

Archana Radhakrishnan

09:30–09:55

### Evolution of Efimov States

#### Speaker

Md Habib Islam

10:00–10:25

### Scattering on the left-hand cut: an update on the 2-body finite-volume formalism

#### Speakers

Andre Baiao Raposo, Andre Raposo

10:30

11:00

## Lattice: II

Session | Location: 251

11:00–11:25

### $\$D\pi\$ and $\pi\pi\pi$ scattering from lattice QCD$

#### Speaker

Haobo Yan

11:30–11:55

### Towards extracting three-pion amplitudes from lattice QCD

#### Speaker

Maxwell Hansen

12:00–12:25

### Meson production amplitudes from Lattice QCD

#### Speaker

Felipe Ortega Gama

12:30

14:15

## Lattice: III

Session | Location: Lecture Hall #4

14:15–14:40

### Baryon Charges from Lattice QCD

#### Speaker

Pia Leonie Jones Petrak

14:45–15:10

### Real-time Estimators for Scattering Observables

#### Speakers

Iván Burbano, Marco Carrillo

15:15

17:00

## Lattice: V

Session | Location:

17:00–17:20

### USQCD - The Origin Story

17:20

**Speaker**

Robert Edwards

# Thursday 31 July

09:00

## Lattice: VI

Session | Location: 251

09:00–09:25

### Lanczos for Multi-particle Spectroscopy

#### Speaker

Dan Hackett

09:30–09:55

### Two-Nucleon Spectroscopy at 800 MeV

#### Speaker

Robert Perry

10:00–10:25

### Baryon-baryon interactions with moderately and very heavy quarks

#### Speaker

Mike Wagman

10:30

11:00

## Lattice: VII

Session | Location: 251

11:00–11:25

### Optimized two-baryon operators using spatial wavefunctions in lattice QCD

#### Speaker

Sinya Aoki

11:30–11:55

### Lattice QCD studies on $\bar{K}N$ interactions and $\Lambda(1405)$ in the flavor SU(3) limit

#### Speaker

Kotaro Murakami

12:00–12:25

### $\bar{D}N$ Scattering at the Physical Point by the HAL QCD Method

#### Speaker

Wren Yamada

12:30

14:10

## Lattice: VIII

Session | Location: Lecture Hall #4

14:10–14:35

### The H-dibaryon continuum limit universality

#### Speaker

Davide Laudicina

14:40–15:05

### Delta and Lambda resonances and NN scattering from lattice QCD

#### Speaker

Colin Morningstar

15:10