

# **FAIR Lattice QCD Days**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

*Monday, 23 November 2009 14:00 (15 minutes)*

Contribution ID: 1

Type: **not specified**

# Charmonium Spectroscopy

*Monday, 23 November 2009 14:15 (30 minutes)*

**Presenter:** , Bali

Contribution ID: 2

Type: **not specified**

## **First results for the hadron spectrum using a new quark smearing method**

*Monday, 23 November 2009 14:45 (30 minutes)*

**Presenter:** PEARDON

Contribution ID: 3

Type: **not specified**

## Quarkonium at $T>0$

*Monday, 23 November 2009 15:15 (30 minutes)*

**Presenter:** KACZMAREK

Contribution ID: 4

Type: **not specified**

## Proper Heavy Quark Potential from Lattice QCD

*Monday, 23 November 2009 15:45 (30 minutes)*

**Presenter:** ROTHKOPF

Contribution ID: 5

Type: **not specified**

## **2+1 flavor QCD at high temperatures**

*Monday, 23 November 2009 16:45 (30 minutes)*

**Presenter:** LAERMANN

Contribution ID: 6

Type: **not specified**

## **QCD thermodynamics on the lattice: Approaching the continuum limit with physical quark masses**

*Monday, 23 November 2009 17:15 (30 minutes)*

**Presenter:** FODOR

Contribution ID: 7

Type: **not specified**

# **Lattice QCD thermodynamics with twisted mass Wilson fermions**

*Monday, 23 November 2009 17:45 (30 minutes)*

**Presenter:** LOMBARDO

Contribution ID: 8

Type: **not specified**

## **Progress in the determination of transport properties in lattice QCD**

*Monday, 23 November 2009 18:15 (30 minutes)*

**Presenter:** MEYER

Contribution ID: 9

Type: **not specified**

## **Lattice QCD studies of hadron structure**

*Tuesday, 24 November 2009 09:00 (30 minutes)*

**Presenter:** HÄGLER

Contribution ID: **10**

Type: **not specified**

## **Hadron structure with Wilson fermions on the Wilson cluster**

*Tuesday, 24 November 2009 09:30 (30 minutes)*

**Presenter:** CAPITANI

Contribution ID: 11

Type: **not specified**

## **Nucleon and resonance imaging from experiment and lattice QCD**

*Tuesday, 24 November 2009 10:00 (30 minutes)*

**Presenter:** VANDERHAEGHEN

Contribution ID: 12

Type: **not specified**

## **Towards charmonium spectroscopy above threshold from lattice QCD**

*Tuesday, 24 November 2009 11:00 (30 minutes)*

**Presenter:** RYAN

Contribution ID: 13

Type: **not specified**

## **Glueball masses on the lattice with exponentially improved statistical precision**

*Tuesday, 24 November 2009 11:30 (30 minutes)*

**Presenter:** DELLA MORTE

Contribution ID: 14

Type: **not specified**

## **Lattice methods for heavy flavours**

*Tuesday, 24 November 2009 12:00 (30 minutes)*

**Presenter:** VON HIPPEL

Contribution ID: 15

Type: **not specified**

## **Anomalies and chiral symmetry in QCD**

*Tuesday, 24 November 2009 14:30 (30 minutes)*

**Presenter:** CREUTZ

Contribution ID: 16

Type: **not specified**

## **The ExtreMe Matter Institute EMMI**

*Tuesday, 24 November 2009 14:00 (30 minutes)*

**Presenter:** EWERZ

Contribution ID: 17

Type: **not specified**

# **Anomaly at Finite Density & Chiral Fermions on Lattice**

*Tuesday, 24 November 2009 15:00 (30 minutes)*

**Presenter:** GAVAI

Contribution ID: **18**

Type: **not specified**

## **The QCD phase transition probed by fermionic boundary conditions**

*Tuesday, 24 November 2009 15:30 (30 minutes)*

**Presenter:** BRUCKMANN

Contribution ID: 19

Type: **not specified**

## **New developments for QCD with imaginary chemical potential**

*Tuesday, 24 November 2009 16:30 (30 minutes)*

**Presenter:** PHILIPSEN

Contribution ID: 20

Type: **not specified**

# **Critical behavior of light quark and baryon number fluctuations**

*Tuesday, 24 November 2009 17:00 (30 minutes)*

**Presenter:** SCHMIDT