

Conceptual advances in lattice gauge theory (LGT14)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Energy-momentum tensor on the lattice from the gradient flow

Monday, July 21, 2014 10:30 AM (50 minutes)

Presenter: SUZUKI, Hiroshi

Contribution ID: 1

Type: **not specified**

The density-of-states method as a practical solution for quantum field theories with a sign problem?

Monday, July 21, 2014 11:20 AM (30 minutes)

Presenter: LANGFELD, Kurt

Contribution ID: 2

Type: **not specified**

A new approach to thermal quantum field theories

Tuesday, July 22, 2014 10:30 AM (50 minutes)

Presenter: PEPE, Michele

Contribution ID: 3

Type: **not specified**

Renormalization of the energy-momentum tensor with the Wilson flow

Wednesday, July 23, 2014 10:30 AM (30 minutes)

Presenter: RAGO, Antonio

Contribution ID: 4

Type: **not specified**

Signal/noise optimization strategies for stochastically estimated correlation functions

Wednesday, July 23, 2014 11:00 AM (30 minutes)

Presenter: ENDRES, Michael

Contribution ID: 5

Type: **not specified**

The complex Langevin method: successes and open problems

Thursday, July 24, 2014 10:30 AM (50 minutes)

Presenter: SEILER, Erhard

Contribution ID: 6

Type: **not specified**

Quantum entanglement entropy for SU(3) gauge theories

Friday, July 25, 2014 10:30 AM (30 minutes)

Presenter: ITOU, Etsuko

Contribution ID: 7

Type: **not specified**

Topology at large N

Friday, July 25, 2014 11:00 AM (30 minutes)

Presenter: LUCINI, Biagio

Contribution ID: 8

Type: **not specified**

Symanzik improvement and the gradient flow (part I)

Monday, July 28, 2014 10:30 AM (30 minutes)

Presenter: SINT, Stefan

Contribution ID: 9

Type: **not specified**

Symanzik improvement and the gradient flow (part II)

Monday, July 28, 2014 11:00 AM (30 minutes)

Presenter: RAMOS, Alberto

Contribution ID: 11

Type: **not specified**

Tree level improvement of the gradient flow

Tuesday, July 29, 2014 10:30 AM (30 minutes)

Presenter: NOGRADI, Daniel

Contribution ID: 12

Type: **not specified**

The Dirac spectrum of complex Langevin simulations

Tuesday, July 29, 2014 11:00 AM (30 minutes)

Presenter: SPLITTORFF, Kim

Contribution ID: 13

Type: **not specified**

Complex Langevin for complex actions

Wednesday, July 30, 2014 10:30 AM (50 minutes)

Presenter: AARTS, Gert

Contribution ID: 14

Type: **not specified**

From the Quark Model to Lattice QCD

Thursday, July 31, 2014 10:10 AM (40 minutes)

Presenter: HEINRICH, Leutwyler (BERN University)

Contribution ID: 15

Type: **not specified**

Lattice QCD from algorithm and machine perspectives

Thursday, July 31, 2014 11:50 AM (40 minutes)

Presenter: UKAWA, Akira (RIKEN AICS, Kobe)

Contribution ID: 16

Type: **not specified**

Noise, Statistics and Sign Problems

Thursday, July 31, 2014 2:40 PM (40 minutes)

Presenter: KAPLAN, David (Washington University, Seattle)

Contribution ID: 17

Type: **not specified**

On mountains and in quantum fields

Thursday, July 31, 2014 4:20 PM (40 minutes)

Presenter: WEISZ, Peter (Max Plank Institute, Munich)

Contribution ID: **18**

Type: **not specified**

Finite-volume methods for hadrons and their interactions in lattice QCD

Thursday, July 31, 2014 2:00 PM (40 minutes)

Presenter: AOKI, Sinya (Tsukuba University)

Contribution ID: 19

Type: **not specified**

The Schrödinger Functional and its Uses

Thursday, July 31, 2014 11:10 AM (40 minutes)

Presenter: WITTIG, Hartmut (Mainz University)

Contribution ID: 20

Type: **not specified**

Conformal field theory

Thursday, July 31, 2014 3:40 PM (40 minutes)

Presenter: MACK, Gerhard (DESY, Hamburg)

Contribution ID: 21

Type: **not specified**

On effects of heavy sea quarks at low energy

Thursday, July 24, 2014 3:15 PM (30 minutes)

Presenter: SOMMER, Rainer

Contribution ID: 22

Type: **not specified**

Chiral Ward identities, automatic $O(a)$ improvement and the gradient flow

Wednesday, July 30, 2014 4:30 PM (30 minutes)

Presenter: ANDREA, Shindler

Contribution ID: 23

Type: **not specified**

Welcome

Thursday, July 31, 2014 10:00 AM (10 minutes)