

2019 Lattice Workshop for US - Japan Intensity Frontier Incubation

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday 25 March 2019 08:45 (15 minutes)

Presenter: IZUBUCHI, Taku (BNL HET)

Contribution ID: 2

Type: **not specified**

Lattice QCD and Neutrino Oscillations

Monday 25 March 2019 09:00 (45 minutes)

Presenter: MEYER, Aaron (Brookhaven National Lab)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Nucleon Electromagnetic Form Factors from Lattice QCD

Monday 25 March 2019 09:45 (45 minutes)

Presenter: JANG, Yong-Chull (Seoul National University)

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Workshop Dinner starts from 18:30 (self-pay; \$50 per person including Coffee Break fees)

Tuesday 26 March 2019 18:00 (3 hours)

Mill Pond Gold and Country Club

300 Mill Road, Medford, New York 11763| 631-320-0061|

Directions: Go towards the main gate (cross over William Floyd Parkway) and stay straight on Longwood

Road. When you get to the end, make a left onto Yaphank-Middle Island Road (CR-21). At the second

light, make a right. Go straight and veer right onto Mill Road at the next light. The golf course is about a

mile down on the right.

Contribution ID: 5

Type: **not specified**

The nucleon electric and magnetic form factors at high-momentum transfer from Lattice QCD

Monday 25 March 2019 11:00 (30 minutes)

Presenter: KALLIDONIS, Christos (The Cyprus Institute)

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

π^0 exchange in the long-distance HLbL contribution to $g_{\mu-2}$

Monday 25 March 2019 14:30 (30 minutes)

Presenter: Mr TU, Cheng (UCONN)

Session Classification: Session 3

Contribution ID: 7

Type: **not specified**

test contribution

Presenter: FOO, bar

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Lattice QCD for b physics

Monday 25 March 2019 15:30 (45 minutes)

Presenter: MEINEL, Stefan (University of Arizona / RBRC)

Session Classification: Session 4

Contribution ID: 9

Type: **not specified**

IF & the lattice

Monday 25 March 2019 16:15 (30 minutes)

Presenter: SONI, amarjit (BNL)

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

B -> D**

Tuesday 26 March 2019 08:45 (45 minutes)

Presenter: HASHIMOTO, Shoji (KEK)

Session Classification: Session 5

Contribution ID: **11**

Type: **not specified**

Muon $g-2$ & CKM Unitarity

Tuesday 26 March 2019 13:15 (45 minutes)

Presenter: MARCIANO, William (BNL)

Session Classification: Session 7

Contribution ID: 12

Type: **not specified**

EW box from dispersive analysis

Tuesday 26 March 2019 11:00 (45 minutes)

Presenter: MICHAEL, Ramsey-Musolf (U. Massachusetts Amherst)

Session Classification: Session 6

Contribution ID: 13

Type: **not specified**

Critical Slowing Down in Ensemble Generation

Tuesday 26 March 2019 14:30 (30 minutes)

Presenter: JUNG, Chulwoo (Brookhaven National Laboratory)

Session Classification: Session 7

Contribution ID: 14

Type: **not specified**

$I=0$ $\pi\pi$ scattering at physical masses on the lattice

Tuesday 26 March 2019 10:30 (30 minutes)

Presenter: KELLY, Christopher (Brookhaven National Laboratory)

Session Classification: Session 6

Contribution ID: 15

Type: **not specified**

Calculation of the mass difference between the long- and short-lived K mesons with physical quark masses on lattice

Tuesday 26 March 2019 14:00 (30 minutes)

Presenter: Mr WANG, Bigeng (Columbia University)

Session Classification: Session 7

Contribution ID: 16

Type: **not specified**

E&M corrections in a finite volume lattice with the infinite volume reconstruction method

Monday 25 March 2019 13:45 (45 minutes)

Presenter: JIN, Luchang

Session Classification: Session 3

Contribution ID: 17

Type: **not specified**

Towards non-perturbative matching of 3/4-flavor Wilson coefficients with a position-space procedure

Monday 25 March 2019 11:30 (45 minutes)

Presenter: Dr TOMII, Masaaki (Columbia University)

Session Classification: Session 2

Contribution ID: **18**

Type: **not specified**

Neutrinoless double beta decay in effective field theory.

Wednesday 27 March 2019 09:00 (45 minutes)

Presenter: DE VRIES, Jordy (University of Massachusetts Amherst / RBRC)

Session Classification: Session 8

Contribution ID: **19**

Type: **not specified**

nEDM from BSM on the lattice

Wednesday 27 March 2019 09:45 (45 minutes)

Presenter: BHATTACHARYA, Tanmoy (Los Alamos National Laboratory)

Session Classification: Session 8

Contribution ID: 20

Type: **not specified**

Nucleon EDM from theta term and quark cEDM

Wednesday 27 March 2019 11:00 (30 minutes)

Presenter: SYRITSYN, Sergey (RIKEN-BNL Research Center)

Session Classification: Session 9

Contribution ID: **21**

Type: **not specified**

Proton decay matrix elements on the lattice

Wednesday 27 March 2019 11:30 (30 minutes)

Presenter: YOO, Jun-Sik

Session Classification: Session 9

Contribution ID: 22

Type: **not specified**

Non-factorizable contribution in $B \rightarrow K l^+ l^-$ through the charmonium resonance

Tuesday 26 March 2019 09:30 (30 minutes)

Presenter: NAKAYAMA, Katsumasa (Nagoya University)

Session Classification: Session 5

Contribution ID: **23**

Type: **not specified**

Closing

Wednesday 27 March 2019 12:00 (10 minutes)

Presenter: SYRITSYN, Sergey (RIKEN-BNL Research Center)