

Lattice Meets Experiment 2013: Beyond the Standard Model

Report of Contributions

Contribution ID: 0

Type: **not specified**

Composite higgs, the LHC, and the lattice

Thursday 5 December 2013 08:30 (30 minutes)

Presenter: Prof. MARTIN, Adam (Notre Dame)

Session Classification: Composite Higgs

Contribution ID: 1

Type: **not specified**

Fueling BSM Theoretical Development with Lua

Thursday 5 December 2013 11:45 (30 minutes)

Presenter: Dr LIN, Meifeng (Brookhaven National Laboratory)

Session Classification: Theoretical Developments

Contribution ID: 2

Type: **not specified**

The simplest near-conformal composite Higgs from a light scalar

Thursday 5 December 2013 09:30 (30 minutes)

Presenter: Prof. KUTI, Julius (UC San Diego)

Session Classification: Composite Higgs

Contribution ID: 3

Type: **not specified**

Lattice gauge theory meets quantum gravity - the holographic principle at quantum gravity level and the fate of evaporating black hole

Thursday 5 December 2013 11:15 (30 minutes)

Presenter: Dr HANADA, Masanori (YITP, Kyoto University; SITP, Stanford University)

Session Classification: Theoretical Developments

Contribution ID: 4

Type: **not specified**

A standard-model-like Higgs from technicolor

Thursday 5 December 2013 09:00 (30 minutes)

Presenter: Dr FOADI, Roshan (CP3-Louvain)

Session Classification: Composite Higgs

Contribution ID: 5

Type: **not specified**

Evolution of topological charge in lattice simulations

Thursday 5 December 2013 10:45 (30 minutes)

Presenter: Dr CHENG, Michael (Boston University)

Session Classification: Theoretical Developments

Contribution ID: 6

Type: **not specified**

The Scale of Dark QCD

Thursday 5 December 2013 14:00 (30 minutes)

Presenter: Prof. BAI, Yang (UW-Madison)

Session Classification: Composite dark matter

Contribution ID: 7

Type: **not specified**

Bounding Dark Baryons: From Fermions to Bosons

Thursday 5 December 2013 14:30 (30 minutes)

Presenter: Dr BUCHOFF, Michael (Institute for Nuclear Theory)

Session Classification: Composite dark matter

Contribution ID: 8

Type: **not specified**

Composite nature of Dark Matter

Thursday 5 December 2013 15:00 (30 minutes)

Presenter: Prof. SANNINO, Francesco (CP3-Origins)

Session Classification: Composite dark matter

Contribution ID: 9

Type: **not specified**

Experimental searches for WIMP dark matter

Thursday 5 December 2013 16:15 (45 minutes)

Presenter: Dr EDWARDS, Blair (Yale University)

Session Classification: Composite dark matter

Contribution ID: **10**

Type: **not specified**

How dark are Majorana WIMPs?

Thursday 5 December 2013 17:00 (30 minutes)

Presenter: Prof. YAVIN, Itay (Perimeter Institute/McMaster University)

Session Classification: Composite dark matter

Contribution ID: **11**

Type: **not specified**

Nuclear Physics: BSM

Thursday 5 December 2013 17:30 (30 minutes)

Presenter: Prof. DETMOLD, William (Massachusetts Institute of Technology)

Session Classification: Composite dark matter

Contribution ID: 12

Type: **not specified**

Status and prospect of Higgs boson property measurements

Friday 6 December 2013 08:30 (45 minutes)

Presenter: Prof. QIAN, Jianming (University of Michigan)

Session Classification: Composite Higgs

Contribution ID: 13

Type: **not specified**

A recipe for a light dilaton from strong dynamics

Friday 6 December 2013 09:15 (30 minutes)

Presenter: Prof. HUBISZ, Jay (Syracuse University)

Session Classification: Composite Higgs

Contribution ID: 14

Type: **not specified**

Two-Color Theory with Novel Infrared Behavior

Friday 6 December 2013 09:45 (30 minutes)

Presenter: Mr VORONOV, Gennady (Yale University)

Session Classification: Composite Higgs

Contribution ID: 15

Type: **not specified**

Light composite flavor-singlet scalar in large N_f QCD

Friday 6 December 2013 11:00 (30 minutes)

Presenter: Dr YAMAZAKI, Takeshi (KMI-Nagoya)

Session Classification: Composite Higgs

Contribution ID: 16

Type: **not specified**

Strongly coupled gauge theories in and out of the conformal window

Friday 6 December 2013 11:30 (30 minutes)

Presenter: Prof. HASENFRATZ, Anna (University of Colorado, Boulder)

Session Classification: Composite Higgs

Contribution ID: 17

Type: **not specified**

Review of Experimental Searches for Neutron-Antineutron Transformation with Bound and Free Neutrons and Future Perspectives

Friday 6 December 2013 13:30 (45 minutes)

Presenter: Prof. KAMYSHKOV, Yuri (University of Tennessee)

Session Classification: QCD and New Physics

Contribution ID: **18**

Type: **not specified**

Lattice calculation of proton decay matrix element

Friday 6 December 2013 14:15 (30 minutes)

Presenter: Dr SHINTANI, Eigo (Mainz University)

Session Classification: QCD and New Physics

Contribution ID: **19**

Type: **not specified**

Neutron-Antineutron Oscillation Matrix Elements on a Lattice

Friday 6 December 2013 14:45 (30 minutes)

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

Session Classification: QCD and New Physics

Contribution ID: 20

Type: **not specified**

Hadronic Matrix Elements for EDMs

Friday 6 December 2013 16:00 (30 minutes)

Presenter: Prof. RAMSEY-MUSOLF, Michael (UMass-Amherst)

Session Classification: QCD and New Physics

Contribution ID: 21

Type: **not specified**

Lattice calculations of hadronic contributions to the muon $g-2$

Friday 6 December 2013 16:30 (30 minutes)

Presenter: Prof. BLUM, Thomas (University of Connecticut)

Session Classification: QCD and New Physics