

Workshop on strong dynamics beyond QCD

Report of Contributions

Contribution ID: 1

Type: **not specified**

On the conformal window of $SU(3)$

Tuesday, 3 December 2024 10:30 (45 minutes)

Presenter: Prof. NOGRADI, Daniel (Eotvos University)

Contribution ID: 2

Type: **not specified**

Dynamical Scaling in metals at the border of magnetism – why should one care?

Tuesday, 3 December 2024 11:45 (45 minutes)

Presenter: Prof. KIRCHNER, Stefan (NYCU)

Contribution ID: 3

Type: **not specified**

Holographic Timelike Entanglement Entropy

Tuesday, 3 December 2024 14:00 (45 minutes)

Presenter: Prof. GIATAGANAS, Dimitrios (NSYSU)

Contribution ID: 5

Type: **not specified**

Progress towards calculability in models of new physics with composite particles

Tuesday, 3 December 2024 15:15 (45 minutes)

Presenter: Prof. PIAI, Maurizio (Swansea University)

Contribution ID: 6

Type: **not specified**

Revisiting chiral magnetic effects and axions

Tuesday, 3 December 2024 16:30 (45 minutes)

Presenter: Prof. HONG, Deog Ki (Pusan National University)

Contribution ID: 7

Type: **not specified**

A Quantum Monte Carlo study of the conductivity in Organic Molecular Semiconductors

Wednesday, 4 December 2024 10:30 (45 minutes)

Presenter: Dr OSTMEYER, Johann (University of Bonn)

Contribution ID: 8

Type: **not specified**

SU(2) gauge-Higgs theories on the lattice : from cuprate superconductors to beyond the Standard Model

Wednesday, 4 December 2024 11:45 (45 minutes)

Presenter: Dr SARKAR, Mugdha (NTU/NYCU)

Contribution ID: 9

Type: **not specified**

Extraction of Conformal Data in Critical 2D Classical Models using Tensor Networks Renormalization

Wednesday, 4 December 2024 14:00 (45 minutes)

Presenter: Prof. CHEN, Pochung (NTHU)

Contribution ID: 11

Type: **not specified**

An application of Random Matrix Theory beyond physics: stochastic gradient descent

Wednesday, 4 December 2024 15:15 (45 minutes)

Presenter: Prof. AARTS, Gert (Swansea University)

Contribution ID: **12**

Type: **not specified**

Opening remarks

Tuesday, 3 December 2024 10:20 (10 minutes)

Presenter: LIN, C.-J. David (Institute of Physics, National Yang Ming Chiao Tung University)