

# **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)

## **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)