

Generalized symmetries in HEP and CMP

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Monday, 28 July 2025 09:00 (1 hour)

Contribution ID: 2

Type: **not specified**

Selection Rules Revisited

Monday, 28 July 2025 10:00 (45 minutes)

Presenter: KAIDI, Justin (Kyushu University)

Contribution ID: 3

Type: **not specified**

New Crosscap States from Non-Invertible Symmetries

Monday, 28 July 2025 11:00 (45 minutes)

Presenter: KUSUKI, Yuya (Kyushu University)

Contribution ID: 4

Type: **not specified**

Anomaly and fermionic unitary operators

Monday, 28 July 2025 13:30 (45 minutes)

Presenter: ZHANG, Yi (Tokyo University, IPMU)

Contribution ID: 5

Type: **not specified**

Gauging non-invertible symmetries via von Neumann subfactors

Monday, 28 July 2025 14:30 (45 minutes)

Presenter: ZHANG, Hao (Tokyo University, IPMU)

Contribution ID: 6

Type: **not specified**

Anomalies and generalized statistics on lattices

Monday, 28 July 2025 16:00 (45 minutes)

Presenter: CHEN, Yu-An (Peking University)

Contribution ID: 7

Type: **not specified**

Constructing bulk topological orders from generalized Ising models

Monday, 28 July 2025 17:00 (45 minutes)

Presenter: LIU, Shang (CAS Institute of Physics)

Contribution ID: 8

Type: **not specified**

Higher condensation theory and gauging of symmetries

Tuesday, 29 July 2025 10:00 (45 minutes)

Presenter: ZHANG, Zhihao (BIMSA)

Contribution ID: 9

Type: **not specified**

Gauging non-invertible symmetries in 2+1d TQFTs

Tuesday, 29 July 2025 11:00 (45 minutes)

Presenter: RADHAKRISHNAN, Rajath (ICTP)

Contribution ID: **10**

Type: **not specified**

A 2D-CFT Factory: Critical Lattice Models from Competing Anyon Condensation in SymTO/SymTFT

Tuesday, 29 July 2025 13:30 (45 minutes)

Presenter: HUNG, Ling-Yan (Tsinghua University)

Contribution ID: 11

Type: **not specified**

Deconfined quantum critical points and dual generalized symmetries

Tuesday, 29 July 2025 14:30 (45 minutes)

Presenter: WANG, Qingrui (Tsinghua University)

Contribution ID: 12

Type: **not specified**

What does symmetry say

Tuesday, 29 July 2025 16:00 (45 minutes)

Presenter: TIAN, Jiahua (Eastern China Normal University)

Contribution ID: 13

Type: **not specified**

Topological Responses of the Standard Model Gauge Group

Tuesday, 29 July 2025 17:00 (45 minutes)

Presenter: WAN, Zheyang (BIMSA)

Contribution ID: 14

Type: **not specified**

Super-Strip Algebra in Gaped Fermionic Models

Wednesday, 30 July 2025 10:00 (45 minutes)

Presenter: CHEN, Jin (Xiamen University)

Contribution ID: 15

Type: **not specified**

Chiral Tube Algebra

Wednesday, 30 July 2025 11:00 (45 minutes)

Presenter: LAM, Ho tat (Massachusetts Institute of Technology)

Contribution ID: 16

Type: **not specified**

Anomaly Coefficients of Higher Symmetries in Geometrically Engineered Quantum Field Theories

Thursday, 31 July 2025 10:00 (45 minutes)

Presenter: CVETIC, Mirjam (University of Pennsylvania)

Contribution ID: 17

Type: **not specified**

Symmetry Theories, Wigner's Function, Compactification, and Holography

Thursday, 31 July 2025 11:00 (45 minutes)

Presenter: HUBNER, Max (University of Uppsala)

Contribution ID: **18**

Type: **not specified**

Higher Structures on Boundary Conformal Manifolds

Thursday, 31 July 2025 13:30 (45 minutes)

Presenter: OHYAMA, Shuhei (University of Vienna)

Contribution ID: **19**

Type: **not specified**

Bulk Excitations of Invertible Phases

Thursday, 31 July 2025 14:30 (45 minutes)

Presenter: JI, Wenjie (McMaster University/PI)

Contribution ID: 20

Type: **not specified**

SymTFT Approach to Pure and Mixed Phases with Categorical Symmetries

Thursday, 31 July 2025 16:00 (45 minutes)

Presenter: SCHAFER-NAMEKI, Sakura (University of Oxford)

Contribution ID: 21

Type: **not specified**

Symmetry constraints on defect dynamics

Thursday, 31 July 2025 17:00 (45 minutes)

Presenter: COPETTI, Christian (University of Oxford)

Contribution ID: 22

Type: **not specified**

Spontaneously Non-uniform Entangled Phases

Friday, 1 August 2025 10:00 (45 minutes)

Presenter: TIWARI, Apoorv (Southern Denmark University)

Contribution ID: 23

Type: **not specified**

Categorical Anomalies

Friday, 1 August 2025 11:00 (45 minutes)

Presenter: ANTINUCCI, Andrea (University of Oxford)