

Session Program

12-14 May 2026



Developments on Generalized Symmetries of Quantum Systems

Talks

Universidad de Murcia, Aulario de la Merced
Aula Antonio Soler Martínez Aulario de la Merced C. Santo Cristo 1 30001 Murcia Spain

Tuesday 12 May

10:00

Talks

Session |

Location: Universidad de Murcia, Aulario de la Merced, Aula Antonio Soler Martínez Aulario de la Merced C. Santo Cristo 1 30001 Murcia Spain

10:00–11:00

Entanglement Asymmetry for Higher and Noninvertible Symmetries

Speaker

Francesco Benini

11:00

11:30

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11:30–12:30

Entropic order parameters and topological holography

Speaker

Javier Molina-Vilaplana

12:30–13:10

Higher-form entanglement asymmetry

Speaker

Eduardo García-Valdecasas

13:10

15:00

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15:00–16:00

Automorphism is All You Need: Transversal Non-Clifford Gates in 2+1D and Higher Symmetries from Automorphism

Speaker

Po-Shen Hsin

16:00

16:30

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16:30–17:10

Categorical symmetries in tensor network algorithms

Speaker

Weronika Wiesiolek

17:10–17:50

Spontaneous quantum turbulence via $U(1)$ symmetry-breaking phase transition in a Bose gas

Speaker

Seong-Ho Shinn

17:50

Wednesday 13 May

10:00

Talks

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10:00–11:00

SymTFT for spacetime symmetries

Speaker

Fabio Apruzzi

11:00

11:30

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11:30–12:30

Non-BPS branes as holographic symmetry operators

Speaker

Diego Rodríguez-Gómez

12:30–13:10

Non-Abelian Continuous Symmetries and Branes in Holography

Speaker

Enoch Leung

13:10

15:00

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15:00–16:00

Kramers-Wannier duality, non-invertible symmetries and All That

Speaker

Germán Sierra

16:00

16:30

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16:30–17:10

Gapless exotic-foliated dual models and their duality defects

Speaker

Salvatore Mancani

17:10–17:50

Emergent Hamiltonians from boundary symmetries

Speaker

José Garre-Rubio

19:10

Thursday 14 May

10:00

Talks

Session |

Location: Universidad de Murcia, Aulario de la Merced, Aula Antonio Soler Martínez Aulario de la Merced C. Santo Cristo 1 30001 Murcia Spain

10:00–11:00

Symmetry Tools for Soft Theorems

Speaker

Luigi Tizzano

11:00

11:30

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11:30–12:30

Global Aspects of 3-Form Fields in Axion Yang-Mills Systems

Speaker

Mohamed M. Anber

12:30–13:10

Gauge theories for fractons and Carroll symmetries

Speaker

Patricio Salgado-Rebolledo

13:40