

## Poster Session: Thursday, 04 May, 19:30 h (CEST)

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| 1  | Aiman Al-Eryani                                 | An fRG Analysis of the Extended Hubbard Model on the Square and Triangular Lattices          |
| 2  | Gabriel Assant                                  | Quantum Einstein Cubic Gravity   |
| 3  | Ivan Balog                                      | Renormalization Group and Probability Theory   |
| 4  | Alexander Baum                                  | Functional Renormalization of the Spin-1 Bose Gas  |
| 5  | Konstantinos Boutivas                           | Entanglement and Expansion   |
| 6  | Luis Cancino Arancibia                          | Renormalization Flow Analysis for Two Pomeron  |
| 7  | Louise Delzescaux                               | The Flat Phase of Polymerized Membranes and Polymerized Membrane Bilayers                    |
| 8  | Timon Dörnfeld                                  | Symmetry Breaking in Dense QCD Matter  |
| 9  | Tilman Enss                                     | Quantum Transport of Strongly Correlated Fermions  |
| 10 | Juergen Eser                                    | Linear and Nonlinear Realizations of Chiral Symmetry   |
| 11 | Lucija Nora Farkaš<br>(presented by Ivan Balog) | Lower Critical Dimension in the $\phi^4$ Theory  |
| 12 | Gergely Fejős                                   | Fate of the Axial Anomaly at Finite Temperature  |
| 13 | Kilian Fraboulet                                | Multiloop Single-boson-exchange fRG and its Application to the Two-dimensional Hubbard Model |

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| 14 | Andreas Geissel         | Speed of Sound of Strong-interaction Matter at Supranuclear Densities                             |
| 15 | Nicolas Hendricks       | Investigating the Quark-Meson-Vector Meson Model with Functional Renormalisation Group Techniques |
| 16 | Marcel Horstmann        | On the QCD Diffusion Coefficient  |
| 17 | Adrian Koenigstein      | Numerical Fluid Dynamics for FRG Flow Equations   |
| 18 | Akitoshi Okutsu         | Holographic Nonlinear Finance and its Connections to the Microeconomic Behavioral Structures      |
| 19 | Álvaro Pastor Gutiérrez | Investigating Strong New Physics with Functional Methods  |
| 20 | Miriam Patricolo        | Pseudogap Opening in the Hubbard Model at Strong Coupling   |
| 21 | Marta Picciau           | 3+1-dimensional Gauge Theories with Luttinger Fermions  |
| 22 | Janik Potten            | Frequency-resolved Functional Renormalization Group for Quantum Magnetic Systems                  |
| 23 | Manuel Reichert         | Higher-derivative Quantum Gravity in the Fluctuation Approach                                     |
| 24 | Félix Rose              | FRG Approach to Equilibrium Transport beyond LPA'   |
| 25 | Carlos Sánchez          | Magnetic Systems with Discrete Anisotropies   |

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| 26 | Franz Richard Sattler  | Numerical RG-time Integration of the Effective Potential: Analysis and Benchmark  |
| 27 | George Savvidy         | Renormalisation Group Equation for Yang-Mills Effective Lagrangian and Cosmological Inflation                                       |
| 28 | Jonas Stoll            | Towards the Equation of State of Color-superconducting Strong-interaction Matter  |
| 29 | Arthur Ferreira Vieira | The Fate of Chiral Symmetry in Riemann-Cartan Spaces  |
| 30 | Jonas Wessely          | Scalar Spectral Functions from the Functional Renormalisation Group   |
| 31 | Shunsuke Yabunaka      | A Fixed Point Can Hide Another One: The Nonperturbative Behavior of the Tetracritical Fixed Point of the $O(N)$ Models at Large $N$ |
| 32 | Niklas Zorbach         | From Fluid Dynamics to RG Flow Studies of Phase Transitions   |