

Chaos, Holography and Coadjoint Orbits

Villa Battelle (Université de Genève) – February 25- March 01, 2019

Monday, February 25

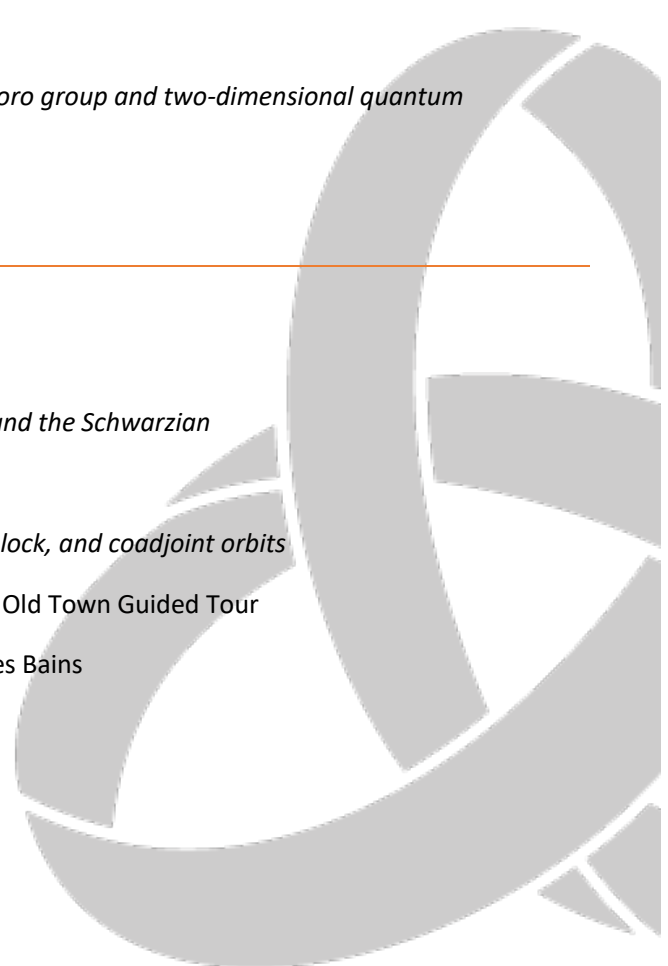
10:00-10:45	Julian Sonner : <i>Introduction and overview I</i>
10:45-11:15	Coffee break
11:15-12:00	Julian Sonner : <i>Introduction and overview II</i>
12:00-13:30	Lunch Break
13:30-14:30	Samson Shatashvili : <i>String Field Theory, Factorization and Gravitational Wess-Zumino</i>
14:30-15:00	Coffee Break
15:00-16:00	Herman Verlinde: <i>TBA</i>
16:15	Battelle Seminar (optional)

Tuesday, February 26

9:30-10:30	Yilin Wang : <i>The Loewner energy for simple loops</i>
10:30-11:00	Coffee Break
11:00-12:00	Krzysztof Gawedzki: <i>A simple class of non-equilibrium states in 1+1-dimensional CFT and characters of $\text{Diff}(S^1)$</i>
12:00-14:00	Lunch Break
14:00-15:00	Jean-Michel Bismut : <i>Hypoelliptic Laplacian, probability and coadjoint orbits</i>
15:00-15:30	Coffee Break
15:30-16:30	Pranjal Nayak : <i>Coadjoint orbit action of Virasoro group and two-dimensional quantum gravity dual to SYK/tensor models</i>

Wednesday, February 27

9:30-10:30	Kristan Jensen : <i>De Sitter and SYK</i>
10:30-11:00	Coffee Break
11:00-12:00	Thomas Mertens : <i>Jackiw-Teitelboim gravity and the Schwarzian</i>
12:00-14:00	Lunch Break
14:00-15:00	Gideon Vos : <i>Thermalization, the 2d identity block, and coadjoint orbits</i>
15:00	Excursion : Visit of the Tavel House & Geneva Old Town Guided Tour
19:30	Conference Dinner : Fondue at the Buvette des Bains



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Thursday, February 28

9:30-10:30	Alexander Altland: <i>Quantum Ergodicity of the Sachdev-Ye-Kitaev Model</i>
10:30-11:00	Coffee Break
11:00-12:00	Manuel Vielma : <i>Eigenstate thermalization in the Sachdev-Ye-Kitaev model</i>
12:00-13:30	Lunch Break
13:30-14:30	Claire Zukowski : <i>Kinematic Space and the Orbit Method</i>
14:30-14:45	Coffee Break
14:45-15:45	Hong Liu : <i>Maximally chaotic quantum many-body systems and hydrodynamics</i>
16:15	Maths colloquium by Richard Thomas : <i>Counting things: enumerative algebraic geometry from physics</i> (room 17 – Acacias Centre*)

Friday, March 01

9:30-10:30	Razvan Gurau : <i>On fixed points in tensor field theories</i>
10:30-11:00	Coffee break
11:00-12:00	Frank Ferrari : <i>New IR Behaviour in Melonic Quantum Mechanics</i>
12:00-14:00	Lunch Break
14:00-15:00	Blagoje Oblak : <i>Virasoro Berry Phases in the KdV Equation</i>
15:00-15:30	Coffee Break



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