



11th SwissMAP General Meeting

SwissMAP Research Station (SRS) in Les Diablerets / VD – September 8 – 11, 2024

| Sunday, September 8 | | |
|---------------------|--|--|
| 19:30 | Welcome Dinner at Les Sources | |
| Monday, September 9 | | |
| From 7:30 | Breakfast at Les Sources | |
| 9:00-9:15 | Welcome Talk & SwissMAP Junior Prize presentation | |
| 9:15-10:15 | Colloquium: Klaus Widmayer (UZH) - On the mathematics of Landau's damping | |
| 10:15-10:45 | Coffee Break – Group Photograph | |
| 10:45-11:15 | Alexandre Rege (ETHZ) - Quasineutral limit of Vlasov-Poisson to Yudovich solutions of Incompressible Euler | |
| 11:15-11:45 | Antoine Gagnebin (ETHZ) - Final data problem for Vlasov-type equations | |
| 11:45-12:15 | Giovanni Canepa (UNIGE) - The reduced phase space of gravity and the standard model. | |
| 12:30 | Lunch at Les Sources - Free afternoon | |
| 17:00-17:30 | Coffee break | |



17:30



We have several social media to increase the visibility of our project. We aim to promote your work including events, publications and press articles amongst others. Please do not hesitate to contact Mayra Lirot [Mayra.lirot@unige.ch] to request further communication.

Departure for Dinner at Glacier 3000





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Tuesday, September 10 From 7:30 **Breakfast at Les Sources** 9:00-9:30 Edward Mazenc (ETHZ) - The Simplest Gauge/String Duality 9:30-10:00 Simon Becker (ETHZ) – Ten Martinis in the continuum 10:00-10:30 **Coffee Break** 10:30-11:00 Pietro Benetti Genolini (UNIGE) – Equivariant localization for AdS/CFT 11:00-12:00 Colloquium: Juhan Aru (EPFL) – When CFT meets random geometry Lunch at Les Sources 12:00-13:30 **Coffee Break at Les Sources** 16:30-17:00 Manuel Loparco (EPFL) - Non-perturbative aspects of QFT in de Sitter spacetime 17:00-17:30 Veronica Sacchi (EPFL) - A study of scalar QED in de Sitter spacetime 17:30-18:00 Ilia Gaiur (UNIGE) - Products of Bessel functions and Periods 18:00-18:30 Gianmichele Blasi (UNIGE) - Topological Josephson junctions in the integer 18:30-19:00 quantum Hall regime **Dinner at Les Sources** 19:15





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Wednesday, September 11

| From 7:30 | Breakfast at Les Sources |
|-------------|--|
| 9:00-9:30 | Ata Deniz AYDIN (ETHZ)- The quantization problem for measures on Riemannian manifolds |
| 9:30-10:00 | Thérèse Moerschell (ETHZ) - Non-uniqueness for the advection-diffusion equation |
| 10:00-10:30 | Antoine Vuignier (EPFL) - Gravity from matrix quantum mechanics |
| 10:30-11:00 | Coffee Break |
| 11:00-11:30 | Rahel Baumgartner (UNIGE) - Trotterized quantum simulation of disorder Hamiltonians in a single-mode optical cavity |
| 11:30-12:30 | Colloquium: Shota Komatsu (CERN) – New approaches to confinement |
| 12:45 | Lunch at Les Sources |





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