

# Claudia Rella

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## SEMINARS

- 2025, Nov – Asymptotics, Geometry, and Physics Seminar, *University of Southampton, UK*
- 2025, May – Random Matrix Theory Seminar, *University of Oxford, UK*
- 2025, May – Mathematical Physics and Algebraic Geometry Seminar, *CMSA, Harvard University, USA*
- 2024, Nov – The Seed Seminar of Mathematics and Physics, *IHP, France*
- 2024, May – String Theory Seminar, *University of Geneva, Switzerland*
- 2024, May – Mathematics Seminar, *Yale University, USA*
- 2024, Apr – String Theory Seminar, *CERN, Switzerland*
- 2024, Mar – Seminar on Quantum Modularity and Resurgence, *IHES, France*
- 2023, Dec – Geometry and Physics Seminar, *University of Sheffield, UK*
- 2023, Nov – QM Research Seminar, *Centre for Quantum Mathematics, SDU, Denmark*
- 2023, Apr – Mathematics Seminar, *IHES, France*
- 2023, Mar – Physical Mathematics Seminar, *University of Geneva, Switzerland*
- 2019, Nov – Seminar on Lie Groups and Moduli Spaces, *University of Geneva, Switzerland*
- 2017, Dec – PADME Weekly Seminar, *INFN – LNF, Italy*

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## TALKS AT WORKSHOPS AND CONFERENCES

- 2026, Mar – Workshop on Mathematical Structures of Amplitudes, *ESI, Austria* (◊)
- 2025, Oct – Mini-Workshop on Resurgence, Difference Equations and Quantum Modularity, *MFO, Germany*
- 2025, Aug – ReNewQuantum Closing Conference, *SDU, Denmark*
- 2025, Apr – Conference on Higher Structures, Moduli Spaces, and Integrability, *Universität Hamburg, Germany*
- 2025, Mar – Workshop on The Arithmetic of Calabi-Yau Manifolds, *MITP, Germany*
- 2025, Jan – Youngst@rs Physics and Number Theory, *MITP, Germany*
- 2024, Oct – Workshop on Holonomic Techniques for Feynman Integrals, *MPP, Germany*
- 2024, Sep – GAP XIX: Moduli spaces and higher structures, *Sapienza University of Rome, Italy*
- 2024, May – Workshop on Resurgence and Modularity in QFT and String Theory, *GGI, Italy*
- 2024, Feb – Workshop on Positive Geometry in Particle Physics and Cosmology, *MPI MiS, Germany*
- 2023, Jul – 29<sup>th</sup> Nordic Congress of Mathematicians with EMS, *Aalborg, Denmark*
- 2022, Nov – Workshop on Mathematics of Beyond All-Orders Phenomena, *University of Cambridge, UK*

2019, Aug – Conference on Representation Theory and Integrable Systems, *ETH Zürich, Switzerland*

## LECTURES

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2024, Jan – SwissMAP Winter School in Mathematical Physics, *SwissMAP Research Station, Switzerland*

2019, Oct – Master Class in Mathematical Physics, *University of Geneva, Switzerland*

2018, Mar-May – Excellence Program in Physics, *Sapienza University of Rome, Italy*

## ORGANIZED EVENTS

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2025, Oct – Mini-Workshop on Resurgence, Difference Equations and Quantum Modularity, *MFO, Germany*  
*With Murad Alim, Veronica Fantini, and Lotte Hollands*

## ATTENDED EVENTS

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- Networks in Physics and Geometry: Spectral, Exponential, and Beyond, LMO, France, July 2025
- Journée Résurgence, LMO, France, May 2025
- Strings 2024, CERN, Switzerland, June 2024
- Mathematical Aspects of Scattering Amplitudes, CMSA, Harvard University, USA, May 2024
- Wall-Crossing Structures, Analyticity, and Resurgence, IHES, France, Jun 2023
- Quantization and Resurgence, SwissMAP Research Station, Switzerland, Jan – Feb 2023
- ReNewQuantum Internal Workshop, Southern Denmark University, Denmark, Aug 2022
- Nonperturbative Methods in Quantum Field Theory, CERN, Switzerland, May – Jun 2022
- GeNeZiSS Mini-Conference of the Swiss String Theory Community, University of Bern, Switzerland, May 2022
- Recent Developments in Quantum Monte Carlo, Enrico Fermi Research Centre, Italy, Oct 2021
- Snowmass Day, Zoom @ Fermilab, US, Sep 2021
- 8<sup>th</sup> SwissMAP General Meeting, SwissMAP Research Station, Switzerland, Sep 2021
- Summer School on Topological Recursion, Otranto, Italy, Sep 2021
- Young Researchers Symposium and XX International Congress on Mathematical Physics, Zoom @ Geneva, Switzerland, Jul – Aug 2021
- Particle Physics Winter Conference - A Rainbow of Dark Sectors, Zoom @ Aspen Center for Physics, US, Mar 2021
- Women at the Intersection of Mathematics and Theoretical Physics, Zoom @ Perimeter Institute, Canada, Feb 2021
- Workshop in Mathematics and Physics, Zoom @ University of Geneva, Switzerland, Jan 2021
- SwissMAP Winter School in Mathematical Physics, Zoom @ SwissMAP Research Station, Switzerland, Jan 2021
- GeNeZiSS Mini-Conference of the Swiss String Theory Community, Zoom @ University of Bern, Switzerland, Dec 2020
- Solvay Doctoral School on Quantum Field Theory, Strings and Gravity, Zoom @ Brussels-Geneva-Amsterdam, Europe, Oct – Dec 2020
- Snowmass Community Planning Meeting, Zoom @ Fermilab, US, Oct 2020
- 7<sup>th</sup> SwissMAP General Meeting, Zoom @ Saanenmöser, Switzerland, Sep 2020
- Master Class and Conference Amplitudes 2020, Zoom @ Brown University, US, May 2020
- SwissMAP Winter School in Mathematical Physics, Les Diablerets, Switzerland, Feb 2020
- 6<sup>th</sup> SwissMAP General Meeting, Villars-sur-Ollon, Switzerland, Sep 2019
- Representation Theory and Integrable Systems, ETH, Switzerland, Aug 2019
- Modular Forms, Periods and Scattering Amplitudes, ETH-ITS, Switzerland, Feb 2019
- Quantum Foundations. New frontiers in testing quantum mechanics, INFN-LNF, Italy, Nov 2017
- Quantum Foundations. The physics of “what happens” and the measurement problem, INFN-LNF, Italy, May 2017